

Unicode Characters

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Unicode Math Symbols in HTML

Symbols in the Unicode "Mathematical Operators" Block

Symbol	Hexadecimal	Decimal	Name
##	😁	😁	
Symbol	Hexadecimal	Decimal	Name
#	∀	∀	FOR ALL
#	∁	∁	COMPLEMENT
#	∂	∂	PARTIAL DIFFERENTIAL
#	∃	∃	THERE EXISTS
#	∄	∄	THERE DOES NOT EXIST
#	∅	∅	EMPTY SET
#	∆	∆	INCREMENT
#	∇	∇	NABLA
#	∈	∈	ELEMENT OF
#	∉	∉	NOT AN ELEMENT OF
#	∊	∊	SMALL ELEMENT OF
#	∋	∋	CONTAINS AS MEMBER
#	∌	∌	DOES NOT CONTAIN AS MEMBER
#	∍	∍	SMALL CONTAINS AS MEMBER
#	∎	∎	END OF PROOF
#	∏	∏	N-ARY PRODUCT

Symbol	Hexadecimal	Decimal	Name
#	∐	∐	N-ARY COPRODUCT
#	∑	∑	N-ARY SUMMATION
-	−	−	MINUS SIGN
#	∓	∓	MINUS-OR-PLUS SIGN
#	∔	∔	DOT PLUS
#	∕	∕	DIVISION SLASH
#	∖	∖	SET MINUS
#	∗	∗	ASTERISK OPERATOR
#	∘	∘	RING OPERATOR
.	∙	∙	BULLET OPERATOR
#	√	√	SQUARE ROOT
#	∛	∛	CUBE ROOT
#	∜	∜	FOURTH ROOT
#	∝	∝	PROPORTIONAL TO
#	∞	∞	INFINITY
#	∟	∟	RIGHT ANGLE
#	∠	∠	ANGLE
#	∡	∡	MEASURED ANGLE
#	∢	∢	SPHERICAL ANGLE
#	∣	∣	DIVIDES
#	∤	∤	DOES NOT DIVIDE
#	∥	∥	PARALLEL TO
#	∦	∦	NOT PARALLEL TO
#	∧	∧	LOGICAL AND
#	∨	∨	LOGICAL OR
#	∩	∩	INTERSECTION
#	∪	∪	UNION
#	∫	∫	INTEGRAL
#	∬	∬	DOUBLE INTEGRAL

Symbol	Hexadecimal	Decimal	Name
#	∭	∭	TRIPLE INTEGRAL
#	∮	∮	CONTOUR INTEGRAL
#	∯	∯	SURFACE INTEGRAL
#	∰	∰	VOLUME INTEGRAL
#	∱	∱	CLOCKWISE INTEGRAL
#	∲	∲	CLOCKWISE CONTOUR INTEGRAL
#	∳	∳	ANTICLOCKWISE CONTOUR INTEGRAL
#	∴	∴	THEREFORE
#	∵	∵	BECAUSE
#	∶	∶	RATIO
#	∷	∷	PROPORTION
#	∸	∸	DOT MINUS
#	∹	∹	EXCESS
#	∺	∺	GEOMETRIC PROPORTION
#	∻	∻	HOMOTHETIC
#	∼	∼	TILDE OPERATOR
#	∽	∽	REVERSED TILDE
#	∾	∾	INVERTED LAZY S
#	∿	∿	SINE WAVE
#	≀	≀	WREATH PRODUCT
#	≁	≁	NOT TILDE
#	≂	≂	MINUS TILDE
#	≃	≃	ASYMPTOTICALLY EQUAL TO
#	≄	≄	NOT ASYMPTOTICALLY EQUAL TO

Symbol	Hexadecimal	Decimal	Name
#	≅	≅	APPROXIMATELY EQUAL TO
#	≆	≆	APPROXIMATELY BUT NOT ACTUALLY EQUAL TO
#	≇	≇	NEITHER APPROXIMATELY NOR ACTUALLY EQUAL TO
#	≈	≈	ALMOST EQUAL TO
#	≉	≉	NOT ALMOST EQUAL TO
#	≊	≊	ALMOST EQUAL OR EQUAL TO
#	≋	≋	TRIPLE TILDE
#	≌	≌	ALL EQUAL TO
#	≍	≍	EQUIVALENT TO
#	≎	≎	GEOMETRICALLY EQUIVALENT TO
#	≏	≏	DIFFERENCE BETWEEN
#	≐	≐	APPROACHES THE LIMIT
#	≑	≑	GEOMETRICALLY EQUAL TO
#	≒	≒	APPROXIMATELY EQUAL TO OR THE IMAGE OF
#	≓	≓	IMAGE OF OR APPROXIMATELY EQUAL TO
#	≔	≔	COLON EQUALS
#	≕	≕	EQUALS COLON
#	≖	≖	RING IN EQUAL TO
#	≗	≗	RING EQUAL TO
#	≘	≘	CORRESPONDS TO
#	≙	≙	ESTIMATES

Symbol	Hexadecimal	Decimal	Name
#	≚	≚	EQUIANGULAR TO
#	≛	≛	STAR EQUALS
#	≜	≜	DELTA EQUAL TO
#	≝	≝	EQUAL TO BY DEFINITION
#	≞	≞	MEASURED BY
#	≟	≟	QUESTIONED EQUAL TO
#	≠	≠	NOT EQUAL TO
#	≡	≡	IDENTICAL TO
#	≢	≢	NOT IDENTICAL TO
#	≣	≣	STRICTLY EQUIVALENT TO
#	≤	≤	LESS-THAN OR EQUAL TO
#	≥	≥	GREATER-THAN OR EQUAL TO
#	≦	≦	LESS-THAN OVER EQUAL TO
#	≧	≧	GREATER-THAN OVER EQUAL TO
#	≨	≨	LESS-THAN BUT NOT EQUAL TO
#	≩	≩	GREATER-THAN BUT NOT EQUAL TO
#	≪	≪	MUCH LESS-THAN
#	≫	≫	MUCH GREATER-THAN
#	≬	≬	BETWEEN
#	≭	≭	NOT EQUIVALENT TO
#	≮	≮	NOT LESS-THAN
#	≯	≯	NOT GREATER-THAN

Symbol	Hexadecimal	Decimal	Name
#	≰	≰	NEITHER LESS-THAN NOR EQUAL TO
#	≱	≱	NEITHER GREATER-THAN NOR EQUAL TO
#	≲	≲	LESS-THAN OR EQUIVALENT TO
#	≳	≳	GREATER-THAN OR EQUIVALENT TO
#	≴	≴	NEITHER LESS-THAN NOR EQUIVALENT TO
#	≵	≵	NEITHER GREATER-THAN NOR EQUIVALENT TO
#	≶	≶	LESS-THAN OR GREATER-THAN
#	≷	≷	GREATER-THAN OR LESS-THAN
#	≸	≸	NEITHER LESS-THAN NOR GREATER-THAN
#	≹	≹	NEITHER GREATER-THAN NOR LESS-THAN
#	≺	≺	PRECEDES
#	≻	≻	SUCCEEDS
#	≼	≼	PRECEDES OR EQUAL TO
#	≽	≽	SUCCEEDS OR EQUAL TO
#	≾	≾	PRECEDES OR EQUIVALENT TO
#	≿	≿	SUCCEEDS OR EQUIVALENT TO
#	⊀	⊀	DOES NOT PRECEDE

Symbol	Hexadecimal	Decimal	Name
#	⊁	⊁	DOES NOT SUCCEED
#	⊂	⊂	SUBSET OF
#	⊃	⊃	SUPERSET OF
#	⊄	⊄	NOT A SUBSET OF
#	⊅	⊅	NOT A SUPERSET OF
#	⊆	⊆	SUBSET OF OR EQUAL TO
#	⊇	⊇	SUPERSET OF OR EQUAL TO
#	⊈	⊈	NEITHER A SUBSET OF NOR EQUAL TO
#	⊉	⊉	NEITHER A SUPERSET OF NOR EQUAL TO
#	⊊	⊊	SUBSET OF WITH NOT EQUAL TO
#	⊋	⊋	SUPERSET OF WITH NOT EQUAL TO
#	⊌	⊌	MULTISET
#	⊍	⊍	MULTISET MULTIPLICATION
#	⊎	⊎	MULTISET UNION
#	⊏	⊏	SQUARE IMAGE OF
#	⊐	⊐	SQUARE ORIGINAL OF
#	⊑	⊑	SQUARE IMAGE OF OR EQUAL TO
#	⊒	⊒	SQUARE ORIGINAL OF OR EQUAL TO
#	⊓	⊓	SQUARE CAP
#	⊔	⊔	SQUARE CUP
#	⊕	⊕	CIRCLED PLUS
#	⊖	⊖	CIRCLED MINUS

Symbol	Hexadecimal	Decimal	Name
#	⊗	⊗	CIRCLED TIMES
#	⊘	⊘	CIRCLED DIVISION SLASH
#	⊙	⊙	CIRCLED DOT OPERATOR
#	⊚	⊚	CIRCLED RING OPERATOR
#	⊛	⊛	CIRCLED ASTERISK OPERATOR
#	⊜	⊜	CIRCLED EQUALS
#	⊝	⊝	CIRCLED DASH
#	⊞	⊞	SQUARED PLUS
#	⊟	⊟	SQUARED MINUS
#	⊠	⊠	SQUARED TIMES
#	⊡	⊡	SQUARED DOT OPERATOR
#	⊢	⊢	RIGHT TACK
#	⊣	⊣	LEFT TACK
#	⊤	⊤	DOWN TACK
#	⊥	⊥	UP TACK
#	⊦	⊦	ASSERTION
#	⊧	⊧	MODELS
#	⊨	⊨	TRUE
#	⊩	⊩	FORCES
#	⊪	⊪	TRIPLE VERTICAL BAR RIGHT TURNSTILE
#	⊫	⊫	DOUBLE VERTICAL BAR DOUBLE RIGHT TURNSTILE
#	⊬	⊬	DOES NOT PROVE
#	⊭	⊭	NOT TRUE
#	⊮	⊮	DOES NOT FORCE
#	⊯	⊯	NEGATED DOUBLE VERTICAL BAR

Symbol	Hexadecimal	Decimal	Name
			DOUBLE RIGHT TURNSTILE
#	⊰	⊰	PRECEDES UNDER RELATION
#	⊱	⊱	SUCCEEDS UNDER RELATION
#	⊲	⊲	NORMAL SUBGROUP OF
#	⊳	⊳	CONTAINS AS NORMAL SUBGROUP
#	⊴	⊴	NORMAL SUBGROUP OF OR EQUAL TO
#	⊵	⊵	CONTAINS AS NORMAL SUBGROUP OR EQUAL TO
#	⊶	⊶	ORIGINAL OF
#	⊷	⊷	IMAGE OF
#	⊸	⊸	MULTIMAP
#	⊹	⊹	HERMITIAN CONJUGATE MATRIX
#	⊺	⊺	INTERCALATE
#	⊻	⊻	XOR
#	⊼	⊼	NAND
#	⊽	⊽	NOR
#	⊾	⊾	RIGHT ANGLE WITH ARC
#	⊿	⊿	RIGHT TRIANGLE
#	⋀	⋀	N-ARY LOGICAL AND
#	⋁	⋁	N-ARY LOGICAL OR
#	⋂	⋂	N-ARY INTERSECTION
#	⋃	⋃	N-ARY UNION

Symbol	Hexadecimal	Decimal	Name
#	⋄	⋄	DIAMOND OPERATOR
#	⋅	⋅	DOT OPERATOR
#	⋆	⋆	STAR OPERATOR
#	⋇	⋇	DIVISION TIMES
#	⋈	⋈	BOWTIE
#	⋉	⋉	LEFT NORMAL FACTOR SEMIDIRECT PRODUCT
#	⋊	⋊	RIGHT NORMAL FACTOR SEMIDIRECT PRODUCT
#	⋋	⋋	LEFT SEMIDIRECT PRODUCT
#	⋌	⋌	RIGHT SEMIDIRECT PRODUCT
#	⋍	⋍	REVERSED TILDE EQUALS
#	⋎	⋎	CURLY LOGICAL OR
#	⋏	⋏	CURLY LOGICAL AND
#	⋐	⋐	DOUBLE SUBSET
#	⋑	⋑	DOUBLE SUPERSET
#	⋒	⋒	DOUBLE INTERSECTION
#	⋓	⋓	DOUBLE UNION
#	⋔	⋔	PITCHFORK
#	⋕	⋕	EQUAL AND PARALLEL TO
#	⋖	⋖	LESS-THAN WITH DOT
#	⋗	⋗	GREATER-THAN WITH DOT

Symbol	Hexadecimal	Decimal	Name
#	⋘	⋘	VERY MUCH LESS-THAN
#	⋙	⋙	VERY MUCH GREATER-THAN
#	⋚	⋚	LESS-THAN EQUAL TO OR GREATER-THAN
#	⋛	⋛	GREATER-THAN EQUAL TO OR LESS-THAN
#	⋜	⋜	EQUAL TO OR LESS-THAN
#	⋝	⋝	EQUAL TO OR GREATER-THAN
#	⋞	⋞	EQUAL TO OR PRECEDES
#	⋟	⋟	EQUAL TO OR SUCCEEDS
#	⋠	⋠	DOES NOT PRECEDE OR EQUAL
#	⋡	⋡	DOES NOT SUCCEED OR EQUAL
#	⋢	⋢	NOT SQUARE IMAGE OF OR EQUAL TO
#	⋣	⋣	NOT SQUARE ORIGINAL OF OR EQUAL TO
#	⋤	⋤	SQUARE IMAGE OF OR NOT EQUAL TO
#	⋥	⋥	SQUARE ORIGINAL OF OR NOT EQUAL TO
#	⋦	⋦	LESS-THAN BUT NOT EQUIVALENT TO
#	⋧	⋧	GREATER-THAN BUT NOT EQUIVALENT TO

Symbol	Hexadecimal	Decimal	Name
#	⋨	⋨	PRECEDES BUT NOT EQUIVALENT TO
#	⋩	⋩	SUCCEEDS BUT NOT EQUIVALENT TO
#	⋪	⋪	NOT NORMAL SUBGROUP OF
#	⋫	⋫	DOES NOT CONTAIN AS NORMAL SUBGROUP
#	⋬	⋬	NOT NORMAL SUBGROUP OF OR EQUAL TO
#	⋭	⋭	DOES NOT CONTAIN AS NORMAL SUBGROUP OR EQUAL
#	⋮	⋮	VERTICAL ELLIPSIS
#	⋯	⋯	MIDLINE HORIZONTAL ELLIPSIS
#	⋰	⋰	UP RIGHT DIAGONAL ELLIPSIS
#	⋱	⋱	DOWN RIGHT DIAGONAL ELLIPSIS
#	⋲	⋲	ELEMENT OF WITH LONG HORIZONTAL STROKE
#	⋳	⋳	ELEMENT OF WITH VERTICAL BAR AT END OF HORIZONTAL STROKE
#	⋴	⋴	SMALL ELEMENT OF WITH VERTICAL BAR AT END OF

Symbol	Hexadecimal	Decimal	Name
			HORIZONTAL STROKE
#	⋵	⋵	ELEMENT OF WITH DOT ABOVE
#	⋶	⋶	ELEMENT OF WITH OVERBAR
#	⋷	⋷	SMALL ELEMENT OF WITH OVERBAR
#	⋸	⋸	ELEMENT OF WITH UNDERBAR
#	⋹	⋹	ELEMENT OF WITH TWO HORIZONTAL STROKES
#	⋺	⋺	CONTAINS WITH LONG HORIZONTAL STROKE
#	⋻	⋻	CONTAINS WITH VERTICAL BAR AT END OF HORIZONTAL STROKE
#	⋼	⋼	SMALL CONTAINS WITH VERTICAL BAR AT END OF HORIZONTAL STROKE
#	⋽	⋽	CONTAINS WITH OVERBAR
#	⋾	⋾	SMALL CONTAINS WITH OVERBAR
#	⋿	⋿	Z NOTATION BAG MEMBERSHIP

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THE END