

HTML <samp> Tag for Sample Output

#samp# for sample output. #samp# description, syntax, usage, attributes and examples. HTML-5.com is a great guide for web developers. [TV Series & Actors and Actresses](#). Follow [TV Series](#) and [HTML 5](#) on Google+.

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> [itemscopehttp://data-vocabulary.org/BreadcrumbExamples](#)

The <samp> Tag in HTML 5

The <samp> tag is used to render sample computer output. The **samp** element is one of the [phrase elements in HTML](#). Most browsers will display the sample output using a monospaced font such as Courier as in this example:

If you use a block tag inside the <samp> element, HTML validators will report an error such as <q><samp>element pre not allowed as child of element <samp> in this context.</samp></q>

Note that since the **samp** element is a phrase element, its content appears inline with other [phrasing content](#) in the same paragraph or block. To display multiple lines of output using the <samp> tag you need to separate lines of output, which can be accomplished in a number of different ways:

- add [
 tags](#) for line breaks
- add a ["white-space: pre" style](#) or ["white-space: pre-wrap" style](#) to the <samp> tag or one of its ancestors
- put the **samp** tag inside a [pre element](#)

Since the content of a [pre element](#) can include various [phrase elements](#), the last approach makes it easy to display both [keyboard input](#) and sample output:

Example of using the <samp> tag to display sample output:

```
<figure style="margin: 0 0.2em; border: 0; white-space: pre"><kbd>select 1024 *
1024 * 1024 * 1024 as " 1 Terabyte";</kbd><samp> ----- 1 Terabyte -----
1099511627776</samp></figure>
```

In the example above, a [font-weight: bold](#) style is applied to the keyboard input so you can tell the difference between input and output. The [font-family style](#) is also overridden to use a font that has a zero with a slash through it, in order to distinguish between a digit zero and the letter "O".

These are actual working examples of the [<samp> tag example code](#) below.

[back to top](#)

<samp> Tag Syntax

Rules for coding HTML `samp` elements

```
<a mode="pre" href="../body-tag/index.html#syntax"><body></a>
...
<a mode="pre" href="../html-tag-list.html#phrasing-content-model">... phrasing content expected
<b mode="pre"><samp></b><a mode="pre" href="../../definitions/index.html#phrasing-content">... ph
...
</body>
```

Rules for coding HTML `samp` elements

Make sure you understand the [difference between a tag and element](#) and are familiar with the [definitions](#) of [namespace](#) and other [HTML terms](#).

1. Code the **samp** element for sample text where [phrasing content](#) is expected.
2. Begin the **samp** element with a starting `<samp>` tag. The element name uses lower case letters and should be in the [HTML namespace](#), which it will pick up automatically from the [xmlns](#) attribute on the `<html>` tag.
3. Include any [HTML global attributes on the <samp> tag](#) as appropriate.
4. Inside the **samp** element, between the starting `<samp>` tag and the ending `</samp>` tag, code the inner HTML [phrasing content](#).
5. End the **samp element** with a matching `</samp>` closing tag.

Content Model

The content of the **samp** element can include [HTML comments](#), [text content](#) and only those [HTML tags that can be used in phrasing content](#).

[back to top](#)

<samp> Tag Attributes

Attributes of the `<samp>` tag

global attributes	The only attributes that can be coded on the <code><code></code> tag are the common HTML attributes .
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[back to top](#)

<samp> Tag Examples

Examples of the `samp` tag in HTML 5

Examples of using the `<samp>` tag to display sample output

```
<p>If you use a block tag inside the &lt;samp&gt; element, HTML
validators will report an error such as <q><b mode="pre"><samp></b> element not allowed
as child of element &lt;samp&gt; in this context.<b mode="pre"></samp></b> </q></p>
```

```
<p>Example of using the &lt;samp&gt; tag to display sample output from some
keyboard input:</p>
<a mode="pre" href="../figure-tag/"><figure></a>
<a mode="pre" href="../style-tag/">style</a> <a mode="pre" href="../style-tag/index.html#scoped-
kbd { <a mode="pre" href="../../css/css-styles/css-style-properties/index.html#font-weight-proper
kbd, samp { <a mode="pre" href="../../css/css-styles/css-style-properties/index.html#font-family-
</style>
<a mode="pre" href="../pre-tag/"><pre></a><a mode="pre" href="../kbd-tag/"><kbd></a> select 1024 *
-----
1 Terabyte
```

```
-----  
1099511627776<b mode="pre"></samp></b> </pre>  
</figure>
```

[back to top](#)

Changes in HTML 5 - `<samp>` Tag

What's new in HTML 5

Differences between HTML 5 and earlier versions of HTML

The [2000-2010 Recommendations from the W3C HTML Working Group](#) defined the [HTML namespace](#) for the **samp** element type name along with the names of all [HTML element types](#). In older (pre-2000) [versions of HTML](#), element type names were not associated with a namespace.

[back to top](#)

THE END