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* Number Helper

classic layout

Number Helper[**¶**](#gjdgxs)

The Number Helper file contains functions that help you work with numeric data.

* [Loading this Helper](#30j0zll)
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[**Loading this Helper**](#3znysh7)[**¶**](#30j0zll)

This helper is loaded using the following code:

$this->load->helper('number');

[**Available Functions**](#2et92p0)[**¶**](#1fob9te)

The following functions are available:

byte\_format(*$num*[, *$precision = 1*])[¶](#tyjcwt)

| Parameters: | * **$num** (*mixed*) – Number of bytes * **$precision** (*int*) – Floating point precision |
| --- | --- |
| Returns: | Formatted data size string |
| Return type: | string |

Formats numbers as bytes, based on size, and adds the appropriate suffix. Examples:

echo byte\_format(456); // Returns 456 Bytes  
echo byte\_format(4567); // Returns 4.5 KB  
echo byte\_format(45678); // Returns 44.6 KB  
echo byte\_format(456789); // Returns 447.8 KB  
echo byte\_format(3456789); // Returns 3.3 MB  
echo byte\_format(12345678912345); // Returns 1.8 GB  
echo byte\_format(123456789123456789); // Returns 11,228.3 TB

An optional second parameter allows you to set the precision of the result:

echo byte\_format(45678, 2); // Returns 44.61 KB

Note

The text generated by this function is found in the following language file: *language/<your\_lang>/number\_lang.php*

[Next](http://docs.google.com/path_helper.html)   [Previous](http://docs.google.com/language_helper.html)

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Built with [Sphinx](http://sphinx-doc.org/) using a [theme](https://github.com/snide/sphinx_rtd_theme) provided by [Read the Docs](https://readthedocs.org).