**PHP 5 String Functions**

The PHP string functions are part of the PHP core. No installation is required to use these functions.

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| **Function** | **Description** |
| [addcslashes()](http://www.w3schools.com/php/func_string_addcslashes.asp) | Returns a string with backslashes in front of the specified characters |
| [addslashes()](http://www.w3schools.com/php/func_string_addslashes.asp) | Returns a string with backslashes in front of predefined characters |
| [bin2hex()](http://www.w3schools.com/php/func_string_bin2hex.asp) | Converts a string of ASCII characters to hexadecimal values |
| [chop()](http://www.w3schools.com/php/func_string_chop.asp) | Removes whitespace or other characters from the right end of a string |
| [chr()](http://www.w3schools.com/php/func_string_chr.asp) | Returns a character from a specified ASCII value |
| [chunk\_split()](http://www.w3schools.com/php/func_string_chunk_split.asp) | Splits a string into a series of smaller parts |
| [convert\_cyr\_string()](http://www.w3schools.com/php/func_string_convert_cyr_string.asp) | Converts a string from one Cyrillic character-set to another |
| [convert\_uudecode()](http://www.w3schools.com/php/func_string_convert_uudecode.asp) | Decodes a uuencoded string |
| [convert\_uuencode()](http://www.w3schools.com/php/func_string_convert_uuencode.asp) | Encodes a string using the uuencode algorithm |
| [count\_chars()](http://www.w3schools.com/php/func_string_count_chars.asp) | Returns information about characters used in a string |
| [crc32()](http://www.w3schools.com/php/func_string_crc32.asp) | Calculates a 32-bit CRC for a string |
| [crypt()](http://www.w3schools.com/php/func_string_crypt.asp) | One-way string encryption (hashing) |
| [echo()](http://www.w3schools.com/php/func_string_echo.asp) | Outputs one or more strings |
| [explode()](http://www.w3schools.com/php/func_string_explode.asp) | Breaks a string into an array |
| [fprintf()](http://www.w3schools.com/php/func_string_fprintf.asp) | Writes a formatted string to a specified output stream |
| [get\_html\_translation\_table()](http://www.w3schools.com/php/func_string_get_html_translation_table.asp) | Returns the translation table used by htmlspecialchars() and htmlentities() |
| [hebrev()](http://www.w3schools.com/php/func_string_hebrev.asp) | Converts Hebrew text to visual text |
| [hebrevc()](http://www.w3schools.com/php/func_string_hebrevc.asp) | Converts Hebrew text to visual text and new lines (\n) into <br> |
| [hex2bin()](http://www.w3schools.com/php/func_string_hex2bin.asp) | Converts a string of hexadecimal values to ASCII characters |
| [html\_entity\_decode()](http://www.w3schools.com/php/func_string_html_entity_decode.asp) | Converts HTML entities to characters |
| [htmlentities()](http://www.w3schools.com/php/func_string_htmlentities.asp) | Converts characters to HTML entities |
| [htmlspecialchars\_decode()](http://www.w3schools.com/php/func_string_htmlspecialchars_decode.asp) | Converts some predefined HTML entities to characters |
| [htmlspecialchars()](http://www.w3schools.com/php/func_string_htmlspecialchars.asp) | Converts some predefined characters to HTML entities |
| [implode()](http://www.w3schools.com/php/func_string_implode.asp) | Returns a string from the elements of an array |
| [join()](http://www.w3schools.com/php/func_string_join.asp) | Alias of implode() |
| [lcfirst()](http://www.w3schools.com/php/func_string_lcfirst.asp) | Converts the first character of a string to lowercase |
| [levenshtein()](http://www.w3schools.com/php/func_string_levenshtein.asp) | Returns the Levenshtein distance between two strings |
| [localeconv()](http://www.w3schools.com/php/func_string_localeconv.asp) | Returns locale numeric and monetary formatting information |
| [ltrim()](http://www.w3schools.com/php/func_string_ltrim.asp) | Removes whitespace or other characters from the left side of a string |
| [md5()](http://www.w3schools.com/php/func_string_md5.asp) | Calculates the MD5 hash of a string |
| [md5\_file()](http://www.w3schools.com/php/func_string_md5_file.asp) | Calculates the MD5 hash of a file |
| [metaphone()](http://www.w3schools.com/php/func_string_metaphone.asp) | Calculates the metaphone key of a string |
| [money\_format()](http://www.w3schools.com/php/func_string_money_format.asp) | Returns a string formatted as a currency string |
| [nl\_langinfo()](http://www.w3schools.com/php/func_string_nl_langinfo.asp) | Returns specific local information |
| [nl2br()](http://www.w3schools.com/php/func_string_nl2br.asp) | Inserts HTML line breaks in front of each newline in a string |
| [number\_format()](http://www.w3schools.com/php/func_string_number_format.asp) | Formats a number with grouped thousands |
| [ord()](http://www.w3schools.com/php/func_string_ord.asp) | Returns the ASCII value of the first character of a string |
| [parse\_str()](http://www.w3schools.com/php/func_string_parse_str.asp) | Parses a query string into variables |
| [print()](http://www.w3schools.com/php/func_string_print.asp) | Outputs one or more strings |
| [printf()](http://www.w3schools.com/php/func_string_printf.asp) | Outputs a formatted string |
| [quoted\_printable\_decode()](http://www.w3schools.com/php/func_string_quoted_printable_decode.asp) | Converts a quoted-printable string to an 8-bit string |
| [quoted\_printable\_encode()](http://www.w3schools.com/php/func_string_quoted_printable_encode.asp) | Converts an 8-bit string to a quoted printable string |
| [quotemeta()](http://www.w3schools.com/php/func_string_quotemeta.asp) | Quotes meta characters |
| [rtrim()](http://www.w3schools.com/php/func_string_rtrim.asp) | Removes whitespace or other characters from the right side of a string |
| [setlocale()](http://www.w3schools.com/php/func_string_setlocale.asp) | Sets locale information |
| [sha1()](http://www.w3schools.com/php/func_string_sha1.asp) | Calculates the SHA-1 hash of a string |
| [sha1\_file()](http://www.w3schools.com/php/func_string_sha1_file.asp) | Calculates the SHA-1 hash of a file |
| [similar\_text()](http://www.w3schools.com/php/func_string_similar_text.asp) | Calculates the similarity between two strings |
| [soundex()](http://www.w3schools.com/php/func_string_soundex.asp) | Calculates the soundex key of a string |
| [sprintf()](http://www.w3schools.com/php/func_string_sprintf.asp) | Writes a formatted string to a variable |
| [sscanf()](http://www.w3schools.com/php/func_string_sscanf.asp) | Parses input from a string according to a format |
| [str\_getcsv()](http://www.w3schools.com/php/func_string_str_getcsv.asp) | Parses a CSV string into an array |
| [str\_ireplace()](http://www.w3schools.com/php/func_string_str_ireplace.asp) | Replaces some characters in a string (case-insensitive) |
| [str\_pad()](http://www.w3schools.com/php/func_string_str_pad.asp) | Pads a string to a new length |
| [str\_repeat()](http://www.w3schools.com/php/func_string_str_repeat.asp) | Repeats a string a specified number of times |
| [str\_replace()](http://www.w3schools.com/php/func_string_str_replace.asp) | Replaces some characters in a string (case-sensitive) |
| [str\_rot13()](http://www.w3schools.com/php/func_string_str_rot13.asp) | Performs the ROT13 encoding on a string |
| [str\_shuffle()](http://www.w3schools.com/php/func_string_str_shuffle.asp) | Randomly shuffles all characters in a string |
| [str\_split()](http://www.w3schools.com/php/func_string_str_split.asp) | Splits a string into an array |
| [str\_word\_count()](http://www.w3schools.com/php/func_string_str_word_count.asp) | Count the number of words in a string |
| [strcasecmp()](http://www.w3schools.com/php/func_string_strcasecmp.asp) | Compares two strings (case-insensitive) |
| [strchr()](http://www.w3schools.com/php/func_string_strchr.asp) | Finds the first occurrence of a string inside another string (alias of strstr()) |
| [strcmp()](http://www.w3schools.com/php/func_string_strcmp.asp) | Compares two strings (case-sensitive) |
| [strcoll()](http://www.w3schools.com/php/func_string_strcoll.asp) | Compares two strings (locale based string comparison) |
| [strcspn()](http://www.w3schools.com/php/func_string_strcspn.asp) | Returns the number of characters found in a string before any part of some specified characters are found |
| [strip\_tags()](http://www.w3schools.com/php/func_string_strip_tags.asp) | Strips HTML and PHP tags from a string |
| [stripcslashes()](http://www.w3schools.com/php/func_string_stripcslashes.asp) | Unquotes a string quoted with addcslashes() |
| [stripslashes()](http://www.w3schools.com/php/func_string_stripslashes.asp) | Unquotes a string quoted with addslashes() |
| [stripos()](http://www.w3schools.com/php/func_string_stripos.asp) | Returns the position of the first occurrence of a string inside another string (case-insensitive) |
| [stristr()](http://www.w3schools.com/php/func_string_stristr.asp) | Finds the first occurrence of a string inside another string (case-insensitive) |
| [strlen()](http://www.w3schools.com/php/func_string_strlen.asp) | Returns the length of a string |
| [strnatcasecmp()](http://www.w3schools.com/php/func_string_strnatcasecmp.asp) | Compares two strings using a "natural order" algorithm (case-insensitive) |
| [strnatcmp()](http://www.w3schools.com/php/func_string_strnatcmp.asp) | Compares two strings using a "natural order" algorithm (case-sensitive) |
| [strncasecmp()](http://www.w3schools.com/php/func_string_strncasecmp.asp) | String comparison of the first n characters (case-insensitive) |
| [strncmp()](http://www.w3schools.com/php/func_string_strncmp.asp) | String comparison of the first n characters (case-sensitive) |
| [strpbrk()](http://www.w3schools.com/php/func_string_strpbrk.asp) | Searches a string for any of a set of characters |
| [strpos()](http://www.w3schools.com/php/func_string_strpos.asp) | Returns the position of the first occurrence of a string inside another string (case-sensitive) |
| [strrchr()](http://www.w3schools.com/php/func_string_strrchr.asp) | Finds the last occurrence of a string inside another string |
| [strrev()](http://www.w3schools.com/php/func_string_strrev.asp) | Reverses a string |
| [strripos()](http://www.w3schools.com/php/func_string_strripos.asp) | Finds the position of the last occurrence of a string inside another string (case-insensitive) |
| [strrpos()](http://www.w3schools.com/php/func_string_strrpos.asp) | Finds the position of the last occurrence of a string inside another string (case-sensitive) |
| [strspn()](http://www.w3schools.com/php/func_string_strspn.asp) | Returns the number of characters found in a string that contains only characters from a specified charlist |
| [strstr()](http://www.w3schools.com/php/func_string_strstr.asp) | Finds the first occurrence of a string inside another string (case-sensitive) |
| [strtok()](http://www.w3schools.com/php/func_string_strtok.asp) | Splits a string into smaller strings |
| [strtolower()](http://www.w3schools.com/php/func_string_strtolower.asp) | Converts a string to lowercase letters |
| [strtoupper()](http://www.w3schools.com/php/func_string_strtoupper.asp) | Converts a string to uppercase letters |
| [strtr()](http://www.w3schools.com/php/func_string_strtr.asp) | Translates certain characters in a string |
| [substr()](http://www.w3schools.com/php/func_string_substr.asp) | Returns a part of a string |
| [substr\_compare()](http://www.w3schools.com/php/func_string_substr_compare.asp) | Compares two strings from a specified start position (binary safe and optionally case-sensitive) |
| [substr\_count()](http://www.w3schools.com/php/func_string_substr_count.asp) | Counts the number of times a substring occurs in a string |
| [substr\_replace()](http://www.w3schools.com/php/func_string_substr_replace.asp) | Replaces a part of a string with another string |
| [trim()](http://www.w3schools.com/php/func_string_trim.asp) | Removes whitespace or other characters from both sides of a string |
| [ucfirst()](http://www.w3schools.com/php/func_string_ucfirst.asp) | Converts the first character of a string to uppercase |
| [ucwords()](http://www.w3schools.com/php/func_string_ucwords.asp) | Converts the first character of each word in a string to uppercase |
| [vfprintf()](http://www.w3schools.com/php/func_string_vfprintf.asp) | Writes a formatted string to a specified output stream |
| [vprintf()](http://www.w3schools.com/php/func_string_vprintf.asp) | Outputs a formatted string |
| [vsprintf()](http://www.w3schools.com/php/func_string_vsprintf.asp) | Writes a formatted string to a variable |
| [wordwrap()](http://www.w3schools.com/php/func_string_wordwrap.asp) | Wraps a string to a given number of characters |

**PHP 5 Array Functions**

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| **Function** | **Description** |
| [array()](http://www.w3schools.com/php/func_array.asp) | Creates an array |
| [array\_change\_key\_case()](http://www.w3schools.com/php/func_array_change_key_case.asp) | Changes all keys in an array to lowercase or uppercase |
| [array\_chunk()](http://www.w3schools.com/php/func_array_chunk.asp) | Splits an array into chunks of arrays |
| [array\_column()](http://www.w3schools.com/php/func_array_column.asp) | Returns the values from a single column in the input array |
| [array\_combine()](http://www.w3schools.com/php/func_array_combine.asp) | Creates an array by using the elements from one "keys" array and one "values" array |
| [array\_count\_values()](http://www.w3schools.com/php/func_array_count_values.asp) | Counts all the values of an array |
| [array\_diff()](http://www.w3schools.com/php/func_array_diff.asp) | Compare arrays, and returns the differences (compare values only) |
| [array\_diff\_assoc()](http://www.w3schools.com/php/func_array_diff_assoc.asp) | Compare arrays, and returns the differences (compare keys and values) |
| [array\_diff\_key()](http://www.w3schools.com/php/func_array_diff_key.asp) | Compare arrays, and returns the differences (compare keys only) |
| [array\_diff\_uassoc()](http://www.w3schools.com/php/func_array_diff_uassoc.asp) | Compare arrays, and returns the differences (compare keys and values, using a user-defined key comparison function) |
| [array\_diff\_ukey()](http://www.w3schools.com/php/func_array_diff_ukey.asp) | Compare arrays, and returns the differences (compare keys only, using a user-defined key comparison function) |
| [array\_fill()](http://www.w3schools.com/php/func_array_fill.asp) | Fills an array with values |
| [array\_fill\_keys()](http://www.w3schools.com/php/func_array_fill_keys.asp) | Fills an array with values, specifying keys |
| [array\_filter()](http://www.w3schools.com/php/func_array_filter.asp) | Filters the values of an array using a callback function |
| [array\_flip()](http://www.w3schools.com/php/func_array_flip.asp) | Flips/Exchanges all keys with their associated values in an array |
| [array\_intersect()](http://www.w3schools.com/php/func_array_intersect.asp) | Compare arrays, and returns the matches (compare values only) |
| [array\_intersect\_assoc()](http://www.w3schools.com/php/func_array_intersect_assoc.asp) | Compare arrays and returns the matches (compare keys and values) |
| [array\_intersect\_key()](http://www.w3schools.com/php/func_array_intersect_key.asp) | Compare arrays, and returns the matches (compare keys only) |
| [array\_intersect\_uassoc()](http://www.w3schools.com/php/func_array_intersect_uassoc.asp) | Compare arrays, and returns the matches (compare keys and values, using a user-defined key comparison function) |
| [array\_intersect\_ukey()](http://www.w3schools.com/php/func_array_intersect_ukey.asp) | Compare arrays, and returns the matches (compare keys only, using a user-defined key comparison function) |
| [array\_key\_exists()](http://www.w3schools.com/php/func_array_key_exists.asp) | Checks if the specified key exists in the array |
| [array\_keys()](http://www.w3schools.com/php/func_array_keys.asp) | Returns all the keys of an array |
| [array\_map()](http://www.w3schools.com/php/func_array_map.asp) | Sends each value of an array to a user-made function, which returns new values |
| [array\_merge()](http://www.w3schools.com/php/func_array_merge.asp) | Merges one or more arrays into one array |
| [array\_merge\_recursive()](http://www.w3schools.com/php/func_array_merge_recursive.asp) | Merges one or more arrays into one array recursively |
| [array\_multisort()](http://www.w3schools.com/php/func_array_multisort.asp) | Sorts multiple or multi-dimensional arrays |
| [array\_pad()](http://www.w3schools.com/php/func_array_pad.asp) | Inserts a specified number of items, with a specified value, to an array |
| [array\_pop()](http://www.w3schools.com/php/func_array_pop.asp) | Deletes the last element of an array |
| [array\_product()](http://www.w3schools.com/php/func_array_product.asp) | Calculates the product of the values in an array |
| [array\_push()](http://www.w3schools.com/php/func_array_push.asp) | Inserts one or more elements to the end of an array |
| [array\_rand()](http://www.w3schools.com/php/func_array_rand.asp) | Returns one or more random keys from an array |
| [array\_reduce()](http://www.w3schools.com/php/func_array_reduce.asp) | Returns an array as a string, using a user-defined function |
| [array\_replace()](http://www.w3schools.com/php/func_array_replace.asp) | Replaces the values of the first array with the values from following arrays |
| [array\_replace\_recursive()](http://www.w3schools.com/php/func_array_replace_recursive.asp) | Replaces the values of the first array with the values from following arrays recursively |
| [array\_reverse()](http://www.w3schools.com/php/func_array_reverse.asp) | Returns an array in the reverse order |
| [array\_search()](http://www.w3schools.com/php/func_array_search.asp) | Searches an array for a given value and returns the key |
| [array\_shift()](http://www.w3schools.com/php/func_array_shift.asp) | Removes the first element from an array, and returns the value of the removed element |
| [array\_slice()](http://www.w3schools.com/php/func_array_slice.asp) | Returns selected parts of an array |
| [array\_splice()](http://www.w3schools.com/php/func_array_splice.asp) | Removes and replaces specified elements of an array |
| [array\_sum()](http://www.w3schools.com/php/func_array_sum.asp) | Returns the sum of the values in an array |
| [array\_udiff()](http://www.w3schools.com/php/func_array_udiff.asp) | Compare arrays, and returns the differences (compare values only, using a user-defined key comparison function) |
| [array\_udiff\_assoc()](http://www.w3schools.com/php/func_array_udiff_assoc.asp) | Compare arrays, and returns the differences (compare keys and values, using a built-in function to compare the keys and a user-defined function to compare the values) |
| [array\_udiff\_uassoc()](http://www.w3schools.com/php/func_array_udiff_uassoc.asp) | Compare arrays, and returns the differences (compare keys and values, using two user-defined key comparison functions) |
| [array\_uintersect()](http://www.w3schools.com/php/func_array_uintersect.asp) | Compare arrays, and returns the matches (compare values only, using a user-defined key comparison function) |
| [array\_uintersect\_assoc()](http://www.w3schools.com/php/func_array_uintersect_assoc.asp) | Compare arrays, and returns the matches (compare keys and values, using a built-in function to compare the keys and a user-defined function to compare the values) |
| [array\_uintersect\_uassoc()](http://www.w3schools.com/php/func_array_uintersect_uassoc.asp) | Compare arrays, and returns the matches (compare keys and values, using two user-defined key comparison functions) |
| [array\_unique()](http://www.w3schools.com/php/func_array_unique.asp) | Removes duplicate values from an array |
| [array\_unshift()](http://www.w3schools.com/php/func_array_unshift.asp) | Adds one or more elements to the beginning of an array |
| [array\_values()](http://www.w3schools.com/php/func_array_values.asp) | Returns all the values of an array |
| [array\_walk()](http://www.w3schools.com/php/func_array_walk.asp) | Applies a user function to every member of an array |
| [array\_walk\_recursive()](http://www.w3schools.com/php/func_array_walk_recursive.asp) | Applies a user function recursively to every member of an array |
| [arsort()](http://www.w3schools.com/php/func_array_arsort.asp) | Sorts an associative array in descending order, according to the value |
| [asort()](http://www.w3schools.com/php/func_array_asort.asp) | Sorts an associative array in ascending order, according to the value |
| [compact()](http://www.w3schools.com/php/func_array_compact.asp) | Create array containing variables and their values |
| [count()](http://www.w3schools.com/php/func_array_count.asp) | Returns the number of elements in an array |
| [current()](http://www.w3schools.com/php/func_array_current.asp) | Returns the current element in an array |
| [each()](http://www.w3schools.com/php/func_array_each.asp) | Returns the current key and value pair from an array |
| [end()](http://www.w3schools.com/php/func_array_end.asp) | Sets the internal pointer of an array to its last element |
| [extract()](http://www.w3schools.com/php/func_array_extract.asp) | Imports variables into the current symbol table from an array |
| [in\_array()](http://www.w3schools.com/php/func_array_in_array.asp) | Checks if a specified value exists in an array |
| [key()](http://www.w3schools.com/php/func_array_key.asp) | Fetches a key from an array |
| [krsort()](http://www.w3schools.com/php/func_array_krsort.asp) | Sorts an associative array in descending order, according to the key |
| [ksort()](http://www.w3schools.com/php/func_array_ksort.asp) | Sorts an associative array in ascending order, according to the key |
| [list()](http://www.w3schools.com/php/func_array_list.asp) | Assigns variables as if they were an array |
| [natcasesort()](http://www.w3schools.com/php/func_array_natcasesort.asp) | Sorts an array using a case insensitive "natural order" algorithm |
| [natsort()](http://www.w3schools.com/php/func_array_natsort.asp) | Sorts an array using a "natural order" algorithm |
| [next()](http://www.w3schools.com/php/func_array_next.asp) | Advance the internal array pointer of an array |
| [pos()](http://www.w3schools.com/php/func_array_pos.asp) | Alias of current() |
| [prev()](http://www.w3schools.com/php/func_array_prev.asp) | Rewinds the internal array pointer |
| [range()](http://www.w3schools.com/php/func_array_range.asp) | Creates an array containing a range of elements |
| [reset()](http://www.w3schools.com/php/func_array_reset.asp) | Sets the internal pointer of an array to its first element |
| [rsort()](http://www.w3schools.com/php/func_array_rsort.asp) | Sorts an indexed array in descending order |
| [shuffle()](http://www.w3schools.com/php/func_array_shuffle.asp) | Shuffles an array |
| [sizeof()](http://www.w3schools.com/php/func_array_sizeof.asp) | Alias of count() |
| [sort()](http://www.w3schools.com/php/func_array_sort.asp) | Sorts an indexed array in ascending order |
| [uasort()](http://www.w3schools.com/php/func_array_uasort.asp) | Sorts an array by values using a user-defined comparison function |
| [uksort()](http://www.w3schools.com/php/func_array_uksort.asp) | Sorts an array by keys using a user-defined comparison function |
| [usort()](http://www.w3schools.com/php/func_array_usort.asp) | Sorts an array using a user-defined comparison function |