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# PHP Array Functions

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## PHP Array Introduction

The array functions allow you to access and manipulate arrays.

Simple and multi-dimensional arrays are supported.

### Installation

The array functions are part of the PHP core. There is no installation needed to use these functions.

## **PHP Array Functions**

Function	Description	
<u>array()</u>	Creates an array	
array change key case()	Changes all keys in an array to lowerca uppercase	ase or
array chunk()	Splits an array into chunks of arrays	□ Dark mode











array combine()	Creates an array by using the elements from one "keys" array and one "values" array
<u>array_count_values()</u>	Counts all the values of an array
<u>array_diff()</u>	Compare arrays, and returns the differences (compare values only)
array_diff_assoc()	Compare arrays, and returns the differences (compare keys and values)
array_diff_key()	Compare arrays, and returns the differences (compare keys only)
array diff uassoc()	Compare arrays, and returns the differences (compare keys and values, using a user-defined key comparison function)
<u>array diff ukey()</u>	Compare arrays, and returns the differences (compare keys only, using a user-defined key comparison function)
array_fill()	Fills an array with values
array fill keys()	Fills an array with values, specifying keys
array_filter()	Filters the values of an array using a callback function
<u>array flip()</u>	Flips/Exchanges all keys with their associated values in an array
<u>array intersect()</u>	Compare arrays, and returns the matches (compare values only)
<u>array intersect assoc()</u>	Compare arrays and returns the matches (compare keys and values)
<u>array intersect key()</u>	Compare arrays, and returns the matches (compare keys only)
<u>array intersect uassoc()</u>	Compare arrays, and returns the matches (compare keys and values, using a user-defined key comparison function)
array intersect ukey()	Compare arrays, and returns the matches (compare keys only, using a user-defined key compare function)











<u>array_keys()</u>	Returns all the keys of an array
<u>array_map()</u>	Sends each value of an array to a user-made function, which returns new values
array_merge()	Merges one or more arrays into one array
array merge recursive()	Merges one or more arrays into one array recursively
array_multisort()	Sorts multiple or multi-dimensional arrays
<u>array_pad()</u>	Inserts a specified number of items, with a specified value, to an array
array_pop()	Deletes the last element of an array
array_product()	Calculates the product of the values in an array
array push()	Inserts one or more elements to the end of an array
array_rand()	Returns one or more random keys from an array
<u>array reduce()</u>	Returns an array as a string, using a user-defined function
<u>array replace()</u>	Replaces the values of the first array with the values from following arrays
array replace recursive()	Replaces the values of the first array with the values from following arrays recursively
array reverse()	Returns an array in the reverse order
<u>array search()</u>	Searches an array for a given value and returns the key
<u>array shift()</u>	Removes the first element from an array, and returns the value of the removed element
array slice()	Returns selected parts of an array
array splice()	Removes and replaces specified elements of an array
array sum()	Returns the sum of the values in an array
array_udiff()	Compare arrays, and returns the differences (compare values only, using a user-defined kev comparison function)











	(pa
	compare the keys and a user-defined function to compare the values)
array_udiff_uassoc()	Compare arrays, and returns the differences (compare keys and values, using two user-defined key comparison functions)
array uintersect()	Compare arrays, and returns the matches (compare values only, using a user-defined key comparison function)
array_uintersect_assoc()	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()	Compare arrays, and returns the matches (compare keys and values, using two user-defined key comparison functions)
<u>array_unique()</u>	Removes duplicate values from an array
<u>array unshift()</u>	Adds one or more elements to the beginning of an array
array_values()	Returns all the values of an array
array_walk()	Applies a user function to every member of an array
<u>array walk recursive()</u>	Applies a user function recursively to every member of an array
<u>arsort()</u>	Sorts an associative array in descending order, according to the value
<u>asort()</u>	Sorts an associative array in ascending order, according to the value
<u>compact()</u>	Create array containing variables and their values
count()	Returns the number of elements in an array
<u>current()</u>	Returns the current element in an array
<u>each()</u>	Deprecated from PHP 7.2. Returns the current key and value pair from an array
	□ Dark mode



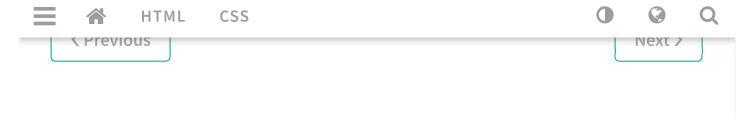








<u>extract()</u>	Imports variables into the current symbol table from an array
<u>in_array()</u>	Checks if a specified value exists in an array
<u>key()</u>	Fetches a key from an array
<u>krsort()</u>	Sorts an associative array in descending order, according to the key
<u>ksort()</u>	Sorts an associative array in ascending order, according to the key
<u>list()</u>	Assigns variables as if they were an array
<u>natcasesort()</u>	Sorts an array using a case insensitive "natural order" algorithm
<u>natsort()</u>	Sorts an array using a "natural order" algorithm
next()	Advance the internal array pointer of an array
<u>pos()</u>	Alias of <u>current()</u>
<u>prev()</u>	Rewinds the internal array pointer
<u>range()</u>	Creates an array containing a range of elements
<u>reset()</u>	Sets the internal pointer of an array to its first element
<u>rsort()</u>	Sorts an indexed array in descending order
<u>shuffle()</u>	Shuffles an array
<u>sizeof()</u>	Alias of <u>count()</u>
<u>sort()</u>	Sorts an indexed array in ascending order
<u>uasort()</u>	Sorts an array by values using a user-defined comparison function
<u>uksort()</u>	Sorts an array by keys using a user-defined comparison function
<u>usort()</u>	Sorts an array using a user-defined comparison function



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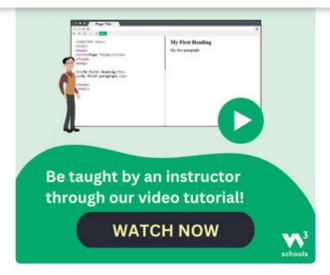


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