

# PHP arsort() Function

Topics : [PHP Functions](#)

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PHP arsort() Function is used to sort an associative array in descending order. An arsort() function is built-in function in PHP.

## Syntax :

```
arsort(array $array , $sort_type = SORT_REGULAR);
```

## Parameter,

**\$array** : Required. It is input array.

**\$sort\_type** : Optional. \$sort\_type may be used to modify the sorting behavior using below values.

1. SORT\_REGULAR - Default. Compare items normally (don't change types).
2. SORT\_NUMERIC - Compare items numerically.
3. SORT\_STRING - Compare items as strings.
4. SORT\_LOCALE\_STRING - Compare items as strings that based on current locale.
5. SORT\_NATURAL - Compare items as strings using natural ordering.
6. SORT\_FLAG\_CASE - It can be combined with SORT\_STRING or SORT\_NATURAL to sort strings case-insensitively.

## Return Values :

It returns true on success or false on failure. A arsort() Function sorts an associative array in reverse order according to the value and maintain its preserved index key.

Let's see below example to understand php arsort() Function in details.

## Example :

```
<?php
$array = array("a"=>"HTML","b"=>"MYSQL","c"=>"PHP","d"=>"JAVA","e"=>"ASP");
echo "<br><br>A arsort() Function sorts an associative array in descending order<br>";
arsort($array);
foreach($array as $key => $value)
{
    echo "<br> Key : $key ; Value : $value";
}
```

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