

# difference between array merge and combine

`array_merge()` combines one or more arrays by appending elements, while `array_combine()` creates a new array from two separate arrays: one for the keys and one for the values.

`array_merge()` is used to join arrays together, while `array_combine()` uses one array to create the keys and another to supply the values for a new array.

## `array_merge()`

**Function:** Joins one or more arrays into a single array.

### **Behavior:**

For numeric keys, it appends the values and re-indexes them starting from zero.

For string keys, if a key exists in more than one array, the value from the later array overwrites the earlier one.

**Example:** `array_merge(array(1, 2), array(3, 4))` results in `array(1, 2, 3, 4)`.

## `array_combine()`

**Function:** Creates a new array using one array for keys and another for values.

### **Behavior:**

It requires both input arrays to have the same number of elements.

If the key array is empty or the value array is empty, it will produce an error.

**Example:** `array_combine(array('a', 'b'), array(1, 2))` results in `array('a' => 1, 'b' => 2)`