

# PHP sha1() Function

Topics : [PHP Functions](#)

Written on [April 19, 2021](#)

PHP sha1() Function is used to generate the SHA-1 hash of a string. The sha1() function uses the US Secure Hash Algorithm 1.

## Syntax :

```
sha1(string,binary) ;
```

*Parameter Values,*

string : Required. It takes a string as input.

binary : Optional. Specifies hex or binary output format.

TRUE - Raw 20 character binary format

FALSE - Default. 40 character hex number

Let's see below example to understand sha1() function.

## Example :

```
<?php
$hex = sha1("aryatechno");
echo "<br>It returns 40 character hex number :".$hex; // display SHA-1 hash of a string

$binary= sha1("aryatechno",TRUE); // binary parameter is TRUE
echo "<br>It returns Raw 20 character binary format :".$binary; // display SHA-1 hash of a
string

?>
```