

# PHP Program - how to add day, month, year in date in php?

Topics : [PHP Programs](#)

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## how to add day, month, year in date using php ?

There are two method to add days, months and years in date by using built-in php functions as below.

1. **strtotime()** : it is used to convert an English textual date-time description to a UNIX timestamp.  
i.e date('Y-m-d', strtotime(\$date. ' + 2 days'));
2. **date\_add()** : The date\_add() function is used to add days, months, years, hours, minutes and seconds.  
i.e date\_add(\$date, interval);

## Example :

```
<?php
$start_date = '2021-04-05 02:24:00';
// PHP program to add days to $start_date using strtotime() function
echo '<br/>Date before adding day : ' . $start_date;
$end_date = date('Y-m-d H:i:s', strtotime($start_date . ' +1 day'));
echo '<br/>Date after adding 1 day: ' . $end_date;
echo "<br>-----";
// PHP program to add months to $start_date using strtotime() function
echo '<br/>Date before adding month: ' . $start_date;
$end_date = date('Y-m-d H:i:s', strtotime($start_date . ' +1 month'));
echo '<br/>Date after adding 1 month: ' . $end_date;
echo "<br>-----";
// PHP program to add years to $start_date using strtotime() function
echo '<br/>Date before adding year: ' . $start_date;
$end_date = date('Y-m-d H:i:s', strtotime($start_date . ' +1 year'));
echo '<br/>Date after adding 1 year: ' . $end_date;

echo "<br>-----";
```

```

echo "<br/>PHP program to add day, month, year, hour randomly.";
for($sys=0;$sys<5;$sys++){
echo "<br/>".date('d M Y h:i:s a', strtotime(date("Y-m-d h:i:s a")." +".rand(1,28)." days
+ ".rand(1,12)." month -1 year + ".rand(1,12)." hour"));
}

echo "<br/>-----";
echo "<br/>PHP program to add day, month, year, hour using date_add() function .";
$start_date =date_create("2021-04-06"); ;
date_add($start_date , date_interval_create_from_date_string("5 days"));
echo '<br/>Date after adding 5 days: ' .date_format($start_date, "Y-m-d");
?>

```

### Output :

*Date before adding day : 2021-04-05 02:24:00*

*Date after adding 1 day: 2021-04-06 02:24:00*

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*Date before adding month: 2021-04-05 02:24:00*

*Date after adding 1 month: 2021-05-05 02:24:00*

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*Date before adding year: 2021-04-05 02:24:00*

*Date after adding 1 year: 2022-04-05 02:24:00*

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*PHP program to add day, month, year, hour randomly.*

*05 Sep 2025 04:27:08 am*

*27 Mar 2026 05:27:08 pm*

*25 Mar 2026 06:27:08 pm*

*30 Oct 2025 11:27:08 pm*

*25 Feb 2026 02:27:08 am*

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*PHP program to add day, month, year, hour using date\_add() function .*

*Date after adding 5 days: 2021-04-11*

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