



# PHP mail() Function

[◀ PHP Mail Reference](#)

## Example

Send a simple email:

```
<?php
// the message
$msg = "First line of text\nSecond line of text";

// use wordwrap() if lines are longer than 70 characters
$msg = wordwrap($msg,70);

// send email
mail("someone@example.com","My subject",$msg);
?>
```

## Definition and Usage

The mail() function allows you to send emails directly from a script.

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Parameter	Description
<i>to</i>	Required. Specifies the receiver / receivers of the email
<i>subject</i>	Required. Specifies the subject of the email. <b>Note:</b> This parameter cannot contain any newline characters
<i>message</i>	<p>Required. Defines the message to be sent. Each line should be separated with a LF (\n). Lines should not exceed 70 characters.</p> <p><b>Windows note:</b> If a full stop is found on the beginning of a line in the message, it might be removed. To solve this problem, replace the full stop with a double dot:</p> <pre>&lt;?php \$txt = str_replace("\n.", "\n..", \$txt); &gt;</pre>
<i>headers</i>	<p>Optional. Specifies additional headers, like From, Cc, and Bcc. The additional headers should be separated with a CRLF (\r\n).</p> <p><b>Note:</b> When sending an email, it must contain a From header. This can be set with this parameter or in the php.ini file.</p>
<i>parameters</i>	Optional. Specifies an additional parameter to the sendmail program (the one defined in the sendmail_path configuration setting). (i.e. this can be used to set the envelope sender address when using sendmail with the -f sendmail option)

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**PHP****Changelog:**

PHP 7.2: The headers parameter also accepts an array

PHP 5.4: Added header injection protection for the *headers* parameter.

PHP 4.3.0: (Windows only) All custom headers (like From, Cc, Bcc and Date) are supported, and are not case-sensitive.

PHP 4.2.3: The *parameter* parameter is disabled in safe modePHP 4.0.5: The *parameter* parameter was added

## More Examples

Send an email with extra headers:

```
<?php
$to = "somebody@example.com";
$subject = "My subject";
$txt = "Hello world!";
$headers = "From: webmaster@example.com" . "\r\n" .
"CC: somebodyelse@example.com";

mail($to,$subject,$txt,$headers);
?>
```

Send an HTML email:

```
<?php
$to = "somebody@example.com, somebodyelse@example.com";
$subject = "HTML email";

$message = "
<html>
<head>
<title>HTML email</title>
</head>
<body>
<p>This email contains HTML Tags!</p>
```

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```
</tr>
</table>
</body>
</html>
";

// Always set content-type when sending HTML email
$headers = "MIME-Version: 1.0" . "\r\n";
$headers .= "Content-type:text/html;charset=UTF-8" . "\r\n";

// More headers
$headers .= 'From: <webmaster@example.com>' . "\r\n";
$headers .= 'Cc: myboss@example.com' . "\r\n";

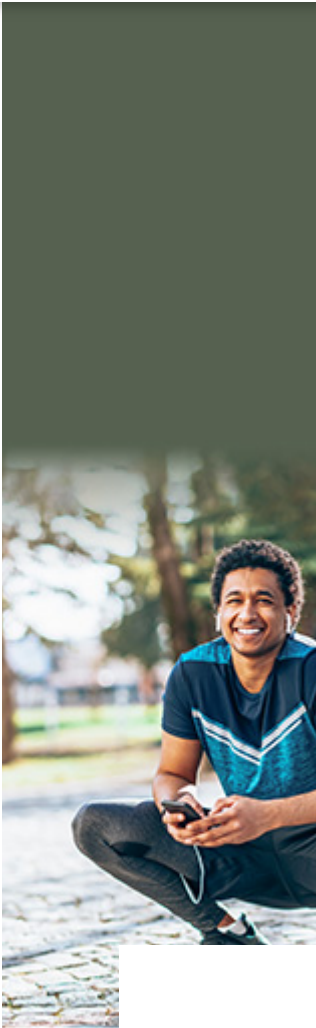
mail($to,$subject,$message,$headers);
?>
```

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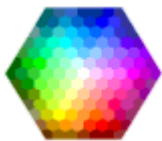
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