

# pagebreak

(mPDF >= 1.0)

pagebreak — Add a new page

## Description

```
<pagebreak [ orientation ] [ type ] [ resetpagenum ] [ pagenumstyle ] [ suppress ]
[ margin-left ] [ margin-right ] [ margin-top ] [ margin-bottom ] [ margin-header ] [ margin-footer ]
[ odd-header-name ] [ odd-header-value ] [ even-header-name ] [ even-header-value ] [ odd-footer-name ] [
odd-footer-value ] [ even-footer-name ] [ even-footer-value ] [ page-selector ] [ sheet-size ] [ page-break-type ]
/>
```

Add a new page to the document. All properties set by a pagebreak will continue on subsequent pages until reset.

The attribute *type* can specify certain conditions which determine how many pages are added. If writing a **DOUBLE-SIDED** document, a conditional page-break (*type*="E" or "O") will add a new page only if required to make the current page match the type (i.e. **ODD** or **EVEN**); a page-break with *type*="NEXT-ODD" or "NEXT-EVEN" will add one or two pages as required to make the current page match the type (i.e. **ODD** or **EVEN**).

Number of pages added:

type	SINGLE-SIDED	DOUBLE-SIDED	
		Currently ODD page	Currently EVEN page
<b>BLANK</b>	1	1	1
O or ODD	0	0	1
E or EVEN	0	1	0
NEXT-ODD	1	2	1
NEXT-EVEN	1	1	2

**Note:** If no new page is added, the other parameters will be ignored e.g. resetting page numbers/styles, margins and headers/footers. If 2 pages are added, any changes in page numbers/styles, margins and headers/footers will start on the final added page.

**Note:** <newpage> and <page\_break> are synonymous. <pagebreak> is the preferred form.

**Note:** From mPDF >= 3.0 the page numbering can be reset to any positive number. Prior to this, it was only possible to reset it to 1.

## Attributes

*orientation* = L|P|landscape|portrait

This attribute specifies the orientation of the new page.  
**BLANK** or omitted leaves the current orientation unchanged

**Values** (case-insensitive)  
L or landscape: Landscape  
P or portrait: Portrait

*type* = E|O|even|odd|next-odd|next-even

If *type* is specified when writing a **DOUBLE-SIDED** document, the page-break is conditional; a new page will only be added if necessary to meet the specified condition.

If not writing a **DOUBLE-SIDED** document, a page-break *type*="E" will be ignored, whilst a page-break *type*="O" will always force a new page.

**BLANK** or omitted will force a new page unconditionally.

#### Values (case-insensitive)

O or odd: Add a new page if required to make current page an **ODD** one.

E or even: Add a new page if required to make current page an **EVEN** one.

NEXT-ODD: Add one or two pages as required to make the current page **ODD**.

NEXT-EVEN: Add one or two pages as required to make the current page **EVEN**.

*resetpagenum* = 1 - ∞

Sets/resets the document page number to *resetpagenum* starting on the new page. (The value must be a positive integer).

**BLANK** or omitted or 0 leaves the current page number sequence unchanged.

*pagenumstyle* = 1|A|a|I|i| [+ any value supported for list-style-type]

Sets/resets the page numbering style (values as for cf. lists)

**BLANK** or omitted leaves the current page number style unchanged.

#### Values (case-sensitive)

1: Decimal - 1,2,3,4...

A: Alpha uppercase - A,B,C,D...

a: Alpha lowercase - a,b,c,d...

I: Roman uppercase - I, II, III, IV...

i: Roman lowercase - i, ii, iii, iv...

*suppress* = on|off|1|0

*suppress*=on will suppress document page numbers from the new page onwards (until *suppress*=off is used)

**BLANK** or omitted leaves the current condition unchanged.

#### Values (case-insensitive)

1 or on: Suppress (hide) page numbers from the new page forwards.

0 or off: Show page numbers from the new page forwards.

*margin-left*

*margin-right*

*margin-top*

*margin-bottom*

*margin-header*

*margin-footer*

Sets the page margins from the new page forwards.

All values should be specified as **LENGTH** in any valid CSS form.

If you are writing a **DOUBLE-SIDED** document, the margin values will be used for **ODD** pages; left and right margins will be mirrored for **EVEN** pages.

**BLANK** or omitted leaves the current margin unchanged. NB "0" (zero) will set the margin to zero.

*odd-header-name*

*even-header-name*

*odd-footer-name*

*even-footer-name*

Selects a header or footer by name to use from the new page forwards. The header/footer must already have been defined using `<pageheader>`, `<pagefooter>`, `<htmlpageheader>`, or `<htmlpagefooter>`. If you are writing a **SINGLE-SIDED** document, the values for **ODD** will be used for all pages, and values for **EVEN** will be ignored.

**BLANK** or omitted leaves the header/footer unchanged. NB "" will not unset the header. Use *odd-header-value* to turn the header off.

**Note:** You must add the prefix 'html\_' before the name if it is a HTMLHeader.

*odd-header-value**even-header-value**odd-footer-value**even-footer-value*

Specify whether to show or hide the named header or footer from the new page forwards. The header/footer must already have been defined using `<pageheader>`, `<pagefooter>`, `<htmlpageheader>`, or `<htmlpagefooter>`. If you are writing a **SINGLE-SIDED** document, the values for **ODD** will be used for all pages, and values for **EVEN** will be ignored.

**BLANK** or omitted or 0 leaves the header/footer state unchanged.

**Values** (case-insensitive)

1 or on: Start using the selected header/footer from the new page onwards.

-1 or off: Stop using the selected header from the new page onwards.

*page-selector*

Select a named CSS @page.

**BLANK** or omitted or leaves the CSS page unchanged.

See Using @page for more information

*sheet-size*

*sheet-size* can be specified either as a pre-defined page size, or as two **LENGTH** values separated by a space, representing width and height e.g. '210mm 297mm'. em, ex and % are not accepted. Note that this is different from the 'size' property of the page-box used with the CSS @page selector.

**DEFAULT: BLANK** - makes no change to the current sheet-size

**Values** (case-insensitive)

A0 - A10, B0 - B10, C0 - C10

4A0, 2A0, RA0 - RA4, SRA0 - SRA4

Letter, Legal, Executive, Folio

Demy, Royal

A (Type A paperback 111x178mm)

B (Type B paperback 128x198mm)

**<LENGTH>**{2}

All of the pre-defined values can be suffixed with "-L" to force a Landscape page orientation document e.g. "A4-L"

*page-break-type* = slice|clone|clonebycss

*slice* - no border and no padding are inserted at a break. The effect is as though the element were rendered with no breaks present, and then sliced by the breaks afterward

*cloneall* - each page fragment is independently wrapped with the borders and padding of all open elements  
*clonebycss* - open elements which have the (custom) CSS property "box-decoration-break" set to "clone" are independently wrapped with their border and padding  
**BLANK** or omitted - default page break type is used - as specified by `defaultPagebreakType`

## Changelog

Version	Description
1.3	Values NEXT-ODD and NEXT-EVEN for <i>type</i> were added. Parameters <i>resetpagenum</i> , <i>pagenumstyle</i> and <i>suppress</i> were added.
2.0	Parameters <i>margin-left</i> , <i>margin-right</i> , <i>margin-top</i> , <i>margin-bottom</i> , <i>margin-header</i> , <i>margin-footer</i> , <i>odd-header-name</i> , <i>odd-header-value</i> , <i>even-header-name</i> , <i>even-header-value</i> , <i>odd-footer-name</i> , <i>odd-footer-value</i> , <i>even-footer-name</i> , <i>even-footer-value</i> were added.
3.0	<i>resetpagenum</i> changed to allow positive integers above 1
4.2	Parameter <i>page-selector</i> was added
4.3	Parameter <i>sheet-size</i> was added
6.0	Parameter <i>page-break-type</i> was added

## Examples

### Example #1

```
<html>
<p>Text of introduction...</p>
<pagebreak type="NEXT-ODD" resetpagenum="1" pagenumstyle="i" suppress="off" />
<p>Text of main book...</p>
</html>
```

### Example #2 - Defining new margins and page orientation

```
<html>

<p>Text of introduction...</p>
<pagebreak orientation="landscape" margin-left="60mm" margin-right="40mm" margin-top="55mm" margin-bottom="30mm" margin-header="12mm" margin-footer="12mm" />
<p>Text of main book...</p>

</html>
```

### Example #3 - Changing headers/footers

```
<html>

<pageheader name="myHeader1" content-center="My document" header-style="font-weight: bold;" line="on" />

<htmlpageheader name="myHeader2">
<div style="text-align: center; font-weight: bold;">My document</div>
</htmlpageheader>

<p>Text of introduction...</p>

<pagebreak type="NEXT-ODD" odd-header-name="myHeader1" odd-header-value="1" even-header-name="html_myHeader2" even-header-value="1" odd-footer-value="-1" even-footer-value="-1" />

<p>Text of main book...</p>
</html>
```

## Notes

**Note:** **pagebreak** can be used as an **HTML** equivalent of `AddPage()`.

## See Also

- `AddPage()` - Add one or more (conditional) pages to the document
- Page breaks
- `<formfeed>` - Forces a new page keeping current HTML tags/CSS active
- `restoreBlockPageBreaks` - Configure pagebreak to act like formfeed

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