

# The baposter latex poster style

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## Abstract

This is still only a very rough documentation, but it should be better than no documentation. If anything is unclear, please post a request (preferably with a patch) at the bugtracker.

## 1 Introduction

**baposter** is a LaTeX template to efficiently design pretty posters for scientific conferences. Posters are composited of blocks with headings, which can be positioned easily on the page, using absolute or relative positioning. A number of predefined styles can be composed to generate new color schemes and ornaments.

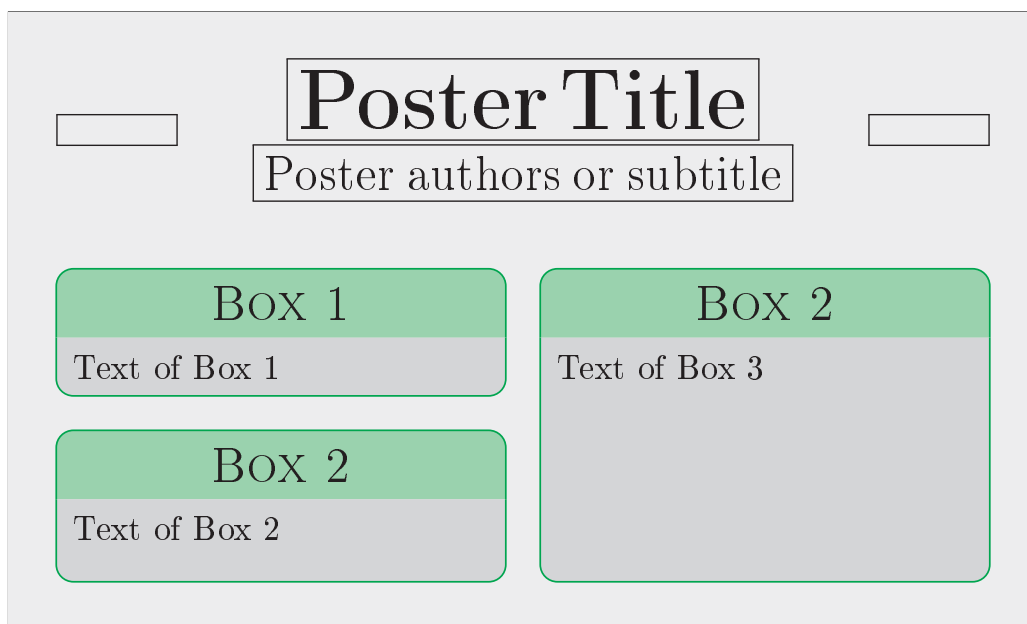
## 2 Usage

Refer to the included example posters for the overall structure. I will document the different keys here. The main environment for the poster is the **poster** environment. It has the following structure

```
\begin{poster}{
  key=value options
}
{
  Eye Catcher, empty if option eyecatcher=no
}
{
  Poster Title
}
{
  Poster Authors
}
{
  University Logo
}

Definition of the boxes

\end{poster}
```



It should be immediately inside the

```
\begin{document}
\end{document}
```

environment, or there will be blank pages.

Additionally, you can pass some options for page size selection directly to the class file.

```
\documentclass[class options]{baposter}
```

## 2.1 Class Options

The class options are

**landscape/portrait** Page Layout

**a0paper, a1paper, a2paper, a3paper, a4paper, archE** Predefined paper sizes

**paperwidth=length, paperheight=length** Width/Height of the paper. Do not use together with a0paper or other predefined paper sizes.

**margin=length** Page margin

**fontscale=real number** Scaling of the poster. The poster is typeset with standard font sizes on a ‘fontscale times papersize’ paper, and then scaled up by 1/fontscale to the chosen paper size. This ensures good looking font sizes. So if you need to fit more onto a poster, increase the fontscale option to get smaller fonts. But be sure not to choose too small fonts, or your paper will be awful. I find posters with small print a nuisance, and tend to spend more time with well presented and concise content.

**showframe** Show a frame around the page, mainly useful for debugging.

## 2.2 Poster Environment Options

The available options are:

**grid={yes,no}** Display a grid, which can be useful during the layout phase.

**columns=4** Number of columns (default 4 in landscape and 3 in portrait format) (maximum number is 6)

**colspacing=length** Distance between the columns of the poster

**headerheight=length** Height of the main poster header as a length (not of the headers of the text boxes). Default value is `0.1\textheight`.

**background=poster background type** Type of poster background. Possible values are

1. **plain**: Plain background in one color (`bgColorOne`)
2. **shade-lr**: Horizontal background gradient (from `bgColorOne` to `bgColorTwo`)
3. **shade-tb**: Vertical background gradient (from `bgColorOne` to `bgColorTwo`)
4. **user**: Use the command `\background{...}` to define your own background.
5. **none**: No background at all.



**bgColorOne=pgf color name** First background color. For a plain, this color will be used. For a shaded background, this is the first color for the gradient.

**bgColorTwo=pgf color name** Second background color. This color will only be used for shaded backgrounds as the end color of the gradient.

**eyecatcher={yes,no}** Should an eye catcher be shown on the left of the title page. The eyecatcher itself is defined in the second argument of the poster environment.

## 2.3 Posterbox Environment Options

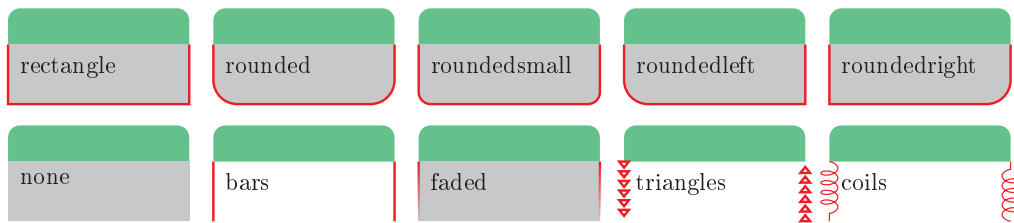
**borderColor=pgf color name** Color used for the borders of the poster boxes

**headerColorOne=pgf color name** First color of box header. Two colors can be used to define gradients.

**headerColorTwo=pgf color name** Second color of box header. Two colors can be used to define gradients.

**textborder=border type** Which kind of border should the lower part of the text boxes have. Possible values are:

1. none
2. bars
3. coils
4. triangles
5. rectangle
6. rounded
7. faded



**headerborder=header border type** At which sides of the text box headers should we draw a border. Possible values are:

1. none
2. closed
3. open



**headershape=header border shape** The type of ornament of the text box headers. Possible values are

1. rectangle
2. small-rounded
3. roundedright

4. roundedleft
5. rounded



**headershade=type of header shading** Which shading should be applied to the text box headers. Possible values are

1. plain
2. shade-lr
3. shade-tb
4. shade-tb-inverse

**boxshade** which kind of shading is applied to the text boxes. Possible values are

1. shade-lr
2. shade-tb
3. plain
4. none

**headerfont=font definition** Commands inserted before a text box header is typeset.

**headerFontColor=pgf color name** Color that the header is typeset in.

**linewidth=length** Width of the lines used when drawing the poster.

### 3 Author and Licence

The author is Brian Amberg, and the class is distributed under the GPL. The current version and documentation can be found at:

<http://www.brian-amberg.de/uni/poster/>