

1 Example

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2 source

2.1 Standard method

```
% 1. set keys
\keys_define:nn { keyval }{
  width   .dim_set:N = \l__keyval_width_dim,
  height  .dim_set:N = \l__keyval_height_dim,
  height  .initial:n = { -1cm },
  color   .tl_set:N  = \l__keyval_color_tl,
  color   .initial:n = black
}

% 2. internal interface
\cs_new:Npn \keyval_parbox:n #1{
  \parbox
    [ \dim_use:N \l__keyval_height_dim ]
    { \dim_use:N \l__keyval_width_dim    }
    { \color { \l__keyval_color_tl } #1 }
}

% 3. user's interface
\NewDocumentCommand { \myparbox } { 0{} m }{
  \group_begin:
  \keys_set:nn { keyval } { #1 }
  \keyval_parbox:n { #2 }
  \group_end:
}
```

2.2 non-Standard method

```
% 1. set keys
\keys_define:nn { keyval }{
  width .dim_set:N = \l__keyval_width_dim,
  height .dim_set:N = \l__keyval_height_dim,
  height .initial:n = { -1cm },
  color .tl_set:N = \l__keyval_color_tl,
  color .initial:n = black
}
% 2. cmd define
\NewDocumentCommand { \myparboxx } { 0{ } m }{
  \group_begin:
  \keys_set:nn { keyval } { #1 }
  \parbox
    [ \dim_use:N \l__keyval_height_dim ]
    { \dim_use:N \l__keyval_width_dim }
    { \color { \l__keyval_color_tl } #2 }
  \group_end:
}
```

3 Test align

Text to test align action:\parbox[t]{20em}{\blindtext}

Text to test align action:Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box.

Text to test align action:\parbox[c]{20em}{\blindtext}

Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box.

Text to test align action:\parbox[b]{20em}{\blindtext}

Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box. Here is some text that should fit in this paragraph box.

Text to test align action:paragraph box.