

Converting Colors

RGB(180, 132, 204)

Have a look what the booklet for
RGB(180, 132, 204) contains.

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Color

RGB(180, 132, 204)

Conversions

Conversions Part 1

Format	Color
Hex	B484CC
RGB	180, 132, 204
RGB Percent	71%, 52%, 80%
CMY	0.2941, 0.4824, 0.2000
CMYK	0.12, 0.35, 0.00, 0.20
HSL	280°, 41%, 66%
HSV	280°, 35%, 80%
XYZ	37.9727, 30.5655, 61.0251
YIQ	154.5600, 5.4960, 32.5680

Conversions

Conversions Part 2

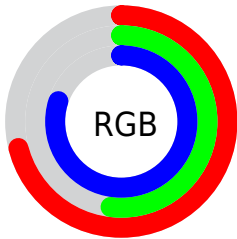
Format	Color
R _Y B	180, 132, 204
Decimal	11830476
CIE Lab	62.14, 31.45, -30.17
CIE LCh	62, 43.583, 316.184
Yxy	30.5655, 0.2931, 0.2359
Android (android.graphics.Color)	4290020556 (0xFFB484CC)
YUV	154.5600, 24.3739, 22.3109
Hunter-Lab	55.2860, 25.8506, -26.7445

Details

The RGB color **180, 132, 204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **156, 204, 132**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **237, 186, 255**, and **126, 82, 150** is the 20% darker color. If you saturate the color by 10%, you get **173, 112, 204**, and if you desaturate by 10%, it is **187, 152, 204**.

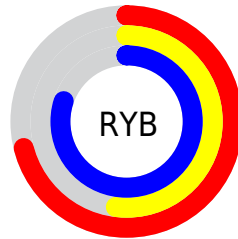
Distribution



Red (71%)

Green (52%)

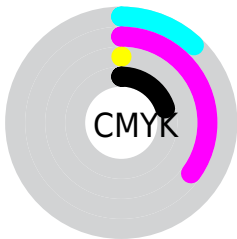
Blue (80%)



Red (71%)

Yellow (52%)

Blue (80%)

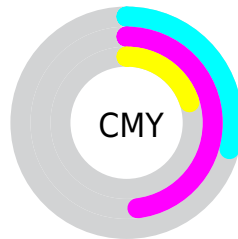


Cyan (12%)

Magenta (35%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (48%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the RGB color 180, 132, 204 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 180, 132, 204 by changing the saturation by 10% instead.

 180, 132, 204

255, 255, 255

 237, 186, 255

 255, 214, 255

 255, 242, 255


 180, 132, 204

 153, 106, 176

 126, 82, 150

 100, 58, 123

 75, 34, 98

 51, 11, 74

 30, 0, 51


 0, 2, 29


 0, 0, 0


 180, 132, 204


 180, 132, 204


 173, 112, 204


 187, 152, 204

 166, 91, 204


 194, 173, 204

 160, 71, 204

 200, 193, 204

 153, 50, 204

 207, 214, 204

 146, 30, 204

 214, 234, 204

 139, 10, 204

 221, 254, 204

 136, 0, 204

 228, 255, 204

 234, 255, 204

 241, 255, 204

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



125, 147, 224



180, 132, 204



213, 120, 170

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180, 132, 204



189, 142, 74



0, 170, 170

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



180, 132, 204



156, 204, 132

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48, 169, 130



180, 132, 204



153, 155, 73

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180, 132, 204



214, 128, 96



109, 164, 95



0, 167, 205

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180, 132, 204



223, 118, 144



109, 164, 95



0, 170, 157

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



180, 132, 204



246, 227, 255



132, 156, 204



122, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180, 132, 204



219, 148, 255



204, 132, 192



99, 92, 102



111, 0, 166



26, 0, 38

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



204, 132, 156



255, 148, 184



132, 204, 144



102, 92, 95



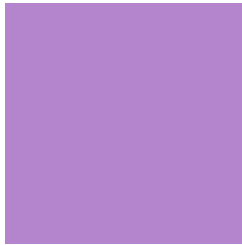
166, 0, 55



38, 0, 13

Previews

White Background



This preview shows how the RGB color 180, 132, 204 looks on a white background.

Color Contrast Check

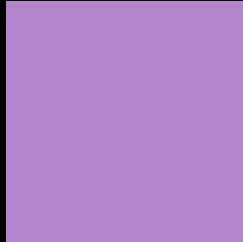
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 180, 132, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

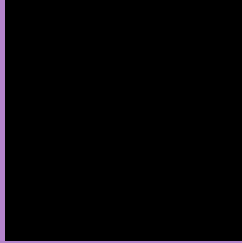
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 180, 132, 204 Background



This preview shows how black text looks on a background with the RGB color 180, 132, 204.

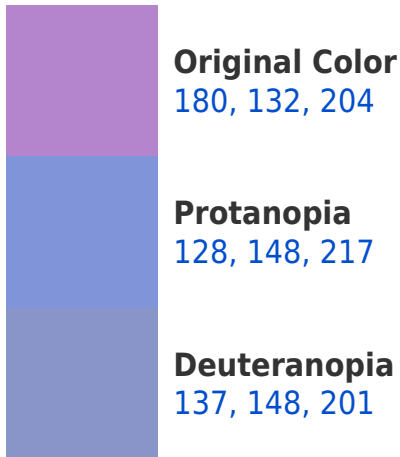


This preview shows how white text looks on a background with the RGB color 180, 132, 204.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
172, 142, 153

Trichromacy



Original Color
180, 132, 204

Protanomaly
147, 142, 212

Deuteranomaly
153, 142, 202

Tritanomaly
175, 138, 172

Monochromacy



Original Color
180, 132, 204

Achromatopsia
155, 155, 155

Achromatomaly
164, 147, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 132, 204 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(180, 132, 204)` looks like.

```
.text, #text, p{  
    color:rgb(180, 132, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(180, 132, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 132, 204) }
```

Border

The CSS property to change the border of an element to RGB 180, 132, 204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 132, 204) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(180, 132, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(180, 132, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 132, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 132, 204);  
box-shadow:4px 4px 4px 4px rgb(180, 132,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 180, 132, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 132, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(180,  
132, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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