

Converting Colors

RGB(180, 96, 174)

Have a look what the booklet for
RGB(180, 96, 174) contains.

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Color

RGB(180, 96, 174)

Conversions

Conversions Part 1

Format	Color
Hex	B460AE
RGB	180, 96, 174
RGB Percent	71%, 38%, 68%
CMY	0.2941, 0.6235, 0.3176
CMYK	0.00, 0.47, 0.03, 0.29
HSL	304°, 36%, 54%
HSV	304°, 47%, 71%
XYZ	30.6452, 21.1250, 42.5068
YIQ	130.0080, 25.0260, 42.0660

Conversions

Conversions Part 2

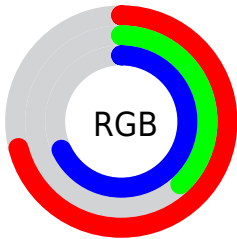
Format	Color
RYB	180, 96, 174
Decimal	11821230
CIELab	53.09, 45.07, -27.06
CIElCh	53, 52.569, 329.022
Yxy	21.1250, 0.3251, 0.2241
Android (android.graphics.Color)	4290011310 (0xFFB460AE)
YUV	130.0080, 21.6881, 43.8430
Hunter-Lab	45.9620, 38.5818, -22.6595

Details

The RGB color **180, 96, 174** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **96, 180, 102**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **237, 149, 230**, and **125, 44, 121** is the 20% darker color. If you saturate the color by 10%, you get **180, 78, 173**, and if you desaturate by 10%, it is **180, 114, 175**.

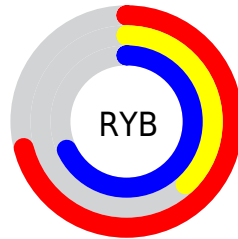
Distribution



Red (71%)

Green (38%)

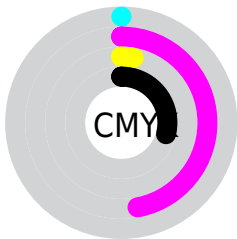
Blue (68%)



Red (71%)

Yellow (38%)

Blue (68%)

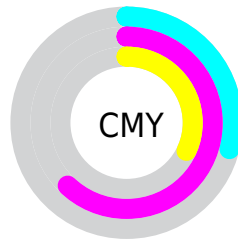


Cyan (0%)

Magenta (47%)

Yellow (3%)

Black (29%)



Cyan (29%)


Magenta (62%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 96, 174 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, 96, 174 by changing the saturation by 10% instead.

 180, 96, 174


255, 255, 255

 237, 149, 230

 255, 177, 255

 255, 205, 255

 255, 233, 255

 180, 96, 174


 152, 70, 147

 125, 44, 121

 99, 15, 96


 73, 0, 72

 49, 0, 49


 20, 0, 28


 0, 0, 0


 180, 96, 174


 180, 78, 173


 180, 96, 174


 180, 114, 175


 180, 60, 171

 180, 132, 177


 180, 42, 170

 180, 150, 178

 180, 24, 169

 180, 168, 179

 180, 6, 168

 180, 186, 180

 180, 0, 167

 180, 204, 182

 180, 222, 183

 180, 240, 184

 180, 255, 186

Harmonies

Analogous

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



124, 115, 206



180, 96, 174



206, 84, 130

Triad

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



180, 96, 174



152, 124, 26



0, 148, 169

Complementary

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



180, 96, 174



96, 180, 102

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.



0, 148, 124



180, 96, 174



107, 137, 41

Square

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



180, 96, 174



186, 107, 48



39, 145, 78



0, 143, 204

Rectangle

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



180, 96, 174



209, 86, 100



39, 145, 78



0, 148, 155

Sweetspot

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



180, 96, 174



235, 202, 232



102, 96, 180



117, 97, 116



245, 245, 245



117, 117, 117

Same Dimension

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



180, 96, 174



235, 103, 225



180, 96, 132



89, 80, 89



153, 0, 142



26, 0, 24

Inverse Universe

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



180, 96, 174



235, 103, 225



96, 180, 144



89, 80, 89



153, 0, 142



26, 0, 24

Previews

White Background



This preview shows how the RGB color 180, 96, 174 looks on a white background.

Color Contrast Check

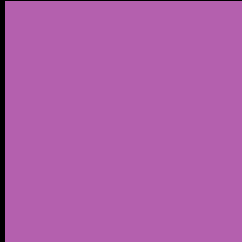
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

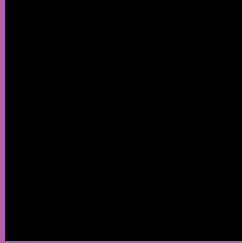
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 180, 96, 174 Background



This preview shows how black text looks on a background with the RGB color 180, 96, 174.

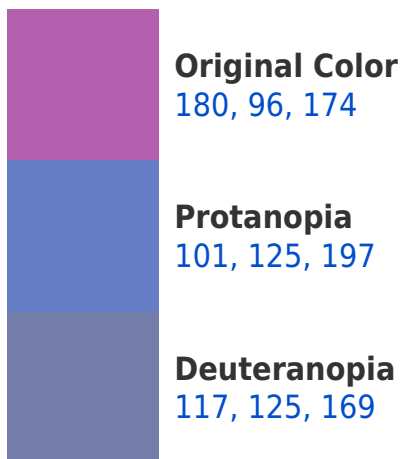



This preview shows how white text looks on a background with the RGB color 180, 96, 174.

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
173, 109, 117

Trichromacy



Original Color
180, 96, 174

Protanomaly
130, 114, 189

Deuteranomaly
140, 114, 171

Tritanomaly
176, 104, 138

Monochromacy



Original Color
180, 96, 174

Achromatopsia
130, 130, 130

Achromatomaly
148, 118, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 96, 174 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, 96, 174)` looks like.

```
.text, #text, p{  
    color:rgb(180, 96, 174)  
}
```

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, 96, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 96, 174) }
```

Border

The CSS property to change the border of an element to RGB 180, 96, 174 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, 96, 174) }
```

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

```
.border{ border-color:rgb(180, 96, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 96, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 96, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 96, 174);  
box-shadow:4px 4px 4px 4px rgb(180, 96,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 180, 96, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 96, 174) }
```

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

```
.background{ background-color: rgb(180, 96,  
174) }
```

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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