

Converting Colors

RGB(184, 118, 221)

Have a look what the booklet for
RGB(184, 118, 221) contains.

RGB(184, 118, 221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(184, 118, 221)

Conversions

Conversions Part 1

Format	Color
Hex	B876DD
RGB	184, 118, 221
RGB Percent	72%, 46%, 87%
CMY	0.2784, 0.5373, 0.1333
CMYK	0.17, 0.47, 0.00, 0.13
HSL	278°, 60%, 66%
HSV	278°, 47%, 87%
XYZ	39.2967, 28.3677, 71.8110
YIQ	149.4760, 6.2730, 46.0250

Conversions

Conversions Part 2

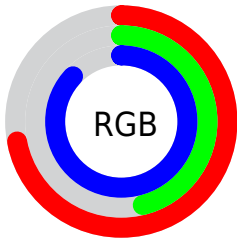
Format	Color
RYB	184, 118, 221
Decimal	12089053
CIELab	60.22, 43.95, -42.68
CIELCh	60, 61.264, 315.844
Yxy	28.3677, 0.2817, 0.2034
Android (android.graphics.Color)	4290279133 (0xFFB876DD)
YUV	149.4760, 35.2613, 30.2775
Hunter-Lab	53.2613, 38.4918, -42.6564

Details

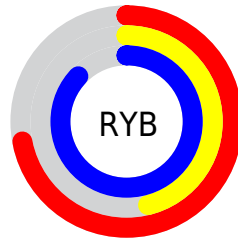
The RGB color **184, 118, 221** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **155, 221, 118**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **242, 172, 255**, and **129, 67, 165** is the 20% darker color. If you saturate the color by 10%, you get **176, 96, 221**, and if you desaturate by 10%, it is **192, 140, 221**.

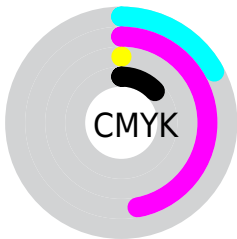
Distribution



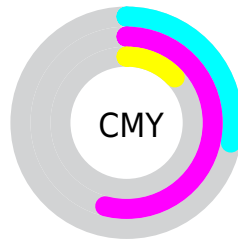
- Red (72%)
- Green (46%)
- Blue (87%)



- Red (72%)
- Yellow (46%)
- Blue (87%)



- Cyan (17%)
- Magenta (47%)
- Yellow (0%)
- Black (13%)




- Cyan (28%)
- Magenta (54%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 184, 118, 221 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 184, 118, 221 by changing the saturation by 10% instead.

 184, 118, 221

 184, 118, 221

255, 255, 255

 156, 92, 193

 242, 172, 255

 129, 67, 165

 255, 200, 255

 102, 42, 139

 255, 228, 255

 76, 15, 113


 50, 0, 88


 29, 0, 64


 0, 1, 41


 0, 1, 19


 0, 0, 0


 184, 118, 221


 184, 118, 221


 176, 96, 221


 192, 140, 221

 168, 74, 221

 200, 162, 221

 160, 52, 221

 208, 184, 221

 152, 30, 221

 216, 206, 221

 144, 8, 221

 224, 229, 221

 142, 0, 221

 232, 251, 221

 240, 255, 221

 248, 255, 221

 255, 255, 221

Harmonies

Analogous

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



93, 141, 250



184, 118, 221



230, 97, 173

Triad

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



184, 118, 221



194, 133, 30



0, 171, 173

Complementary

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



184, 118, 221



155, 221, 118

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, 169, 117



184, 118, 221



145, 151, 25

Square

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



184, 118, 221



228, 111, 69



82, 163, 65



0, 168, 222

Rectangle

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



184, 118, 221



242, 92, 137



82, 163, 65



0, 171, 155

Sweetspot

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



184, 118, 221



242, 219, 255



118, 156, 221



120, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 118, 221



204, 112, 255



221, 118, 207



106, 99, 110



111, 0, 173



29, 0, 46

Inverse Universe

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



221, 118, 155



255, 112, 163



118, 221, 132



110, 99, 103



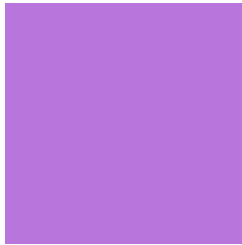
173, 0, 62



46, 0, 16

Previews

White Background



This preview shows how the RGB color 184, 118, 221 looks on a white background.

Color Contrast Check

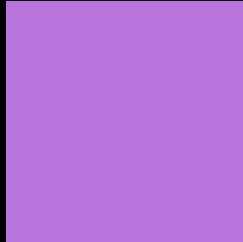
Large Text (above 18pt) WCAG AA ✓ Pass

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 184, 118, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

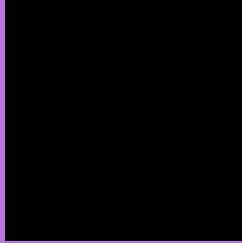
Any Text WCAG AA ✓ Pass

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 184, 118, 221 Background



This preview shows how black text looks on a background with the RGB color 184, 118, 221.

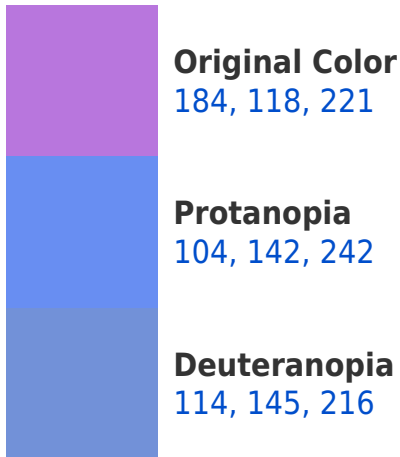


This preview shows how white text looks on a background with the RGB color 184, 118, 221.

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, 135, 146

Trichromacy



Original Color

184, 118, 221



Protanomaly

133, 133, 234



Deuteranomaly

139, 135, 218



Tritanomaly

176, 129, 173

Monochromacy



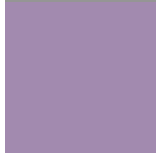
Original Color

184, 118, 221



Achromatopsia

149, 149, 149



Achromatomaly

162, 138, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 184, 118, 221 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(184, 118, 221)` looks like.

```
.text, #text, p{  
    color:rgb(184, 118, 221)  
}
```

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(184, 118, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 118, 221) }
```

Border

The CSS property to change the border of an element to RGB 184, 118, 221 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(184, 118, 221) }
```

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

```
.border{ border-color:rgb(184, 118, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 118, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 118, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 118, 221);  
box-shadow:4px 4px 4px 4px rgb(184, 118,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 184, 118, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 118, 221) }
```

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

```
.background{ background-color: rgb(184,  
118, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor