

# Converting Colors

RGB(183, 116, 161)

Have a look what the booklet for  
RGB(183, 116, 161) contains.

<b>RGB(183, 116, 161)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(183, 116, 161)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B774A1
RGB	183, 116, 161
RGB Percent	72%, 45%, 63%
CMY	0.2824, 0.5451, 0.3686
CMYK	0.00, 0.37, 0.12, 0.28
HSL	320°, 32%, 59%
HSV	320°, 37%, 72%
XYZ	32.2069, 25.1313, 36.8715
YIQ	141.1630, 25.4870, 28.1990

# Conversions

## Conversions Part 2

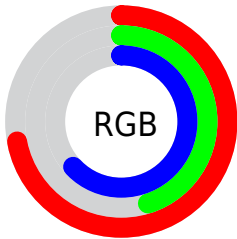
Format	Color
<a href="#">RYB</a>	<a href="#">183, 116, 161</a>
Decimal	<a href="#">12022945</a>
CIELab	<a href="#">57.20, 33.05, -13.19</a>
CIELCh	<a href="#">57, 35.588, 338.243</a>
Yxy	<a href="#">25.1313, 0.3419, 0.2668</a>
Android (android.graphics.Color)	<a href="#">4290213025 (0xFFB774A1)</a>
YUV	<a href="#">141.1630, 9.7796, 36.6910</a>
Hunter-Lab	<a href="#">50.1311, 26.9484, -8.5162</a>

# Details

The RGB color **183, 116, 161** is a light color, and the websafe version is hex **996699**. A complement of this color would be **116, 183, 138**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **240, 169, 216**, and **129, 66, 109** is the 20% darker color. If you saturate the color by 10%, you get **183, 98, 155**, and if you desaturate by 10%, it is **183, 134, 167**.

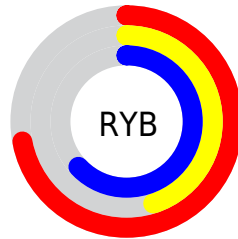
# Distribution



Red (72%)

Green (45%)

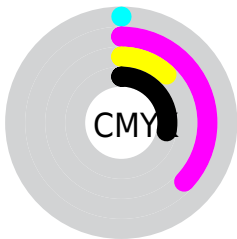
Blue (63%)



Red (72%)

Yellow (45%)

Blue (63%)

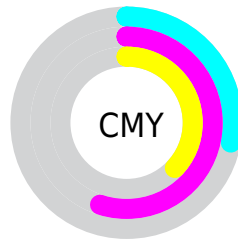


Cyan (0%)

Magenta (37%)

Yellow (12%)

Black (28%)



Cyan (28%)

Magenta (55%)

Yellow (37%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 183, 116, 161 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 183, 116, 161 by changing the saturation by 10% instead.



 183, 116, 161

255, 255, 255

 240, 169, 216

 255, 197, 244

 255, 225, 255

255, 254, 255

 183, 116, 161

 183, 98, 155

 183, 116, 161

 155, 91, 135


 129, 66, 109

 103, 42, 85

 77, 17, 62


 53, 0, 40

 31, 0, 19


 0, 0, 0


 183, 116, 161

 183, 134, 167

 183, 79, 149

 183, 153, 173

 183, 61, 143

 183, 171, 179

 183, 43, 137

 183, 189, 185

 183, 24, 131

 183, 208, 191

 183, 6, 125

 183, 226, 197

 183, 0, 123

 183, 244, 203

 183, 255, 209

 183, 255, 215

# Harmonies

## Analogous

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



152, 126, 186



183, 116, 161



197, 112, 130

# Triad

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



183, 116, 161



149, 138, 75



0, 152, 175

# Complementary

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



183, 116, 161



116, 183, 138

# 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.



9, 154, 145



183, 116, 161



115, 147, 87

# Square

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



183, 116, 161



176, 128, 80



75, 152, 113



39, 147, 194

# Rectangle

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



183, 116, 161



196, 115, 110



75, 152, 113



0, 153, 166



# Sweetspot

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



183, 116, 161



237, 211, 229



137, 116, 183



120, 104, 115



247, 247, 247



120, 120, 120



# Same Dimension

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



183, 116, 161



237, 133, 203



183, 116, 128



92, 83, 89



156, 0, 104



28, 0, 19



# Inverse Universe

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



183, 116, 161



237, 133, 203



116, 183, 171



92, 83, 89



156, 0, 104

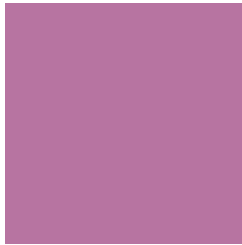


28, 0, 19



# Previews

## White Background



This preview shows how the RGB color 183, 116, 161 looks on a white background.

## Color Contrast Check

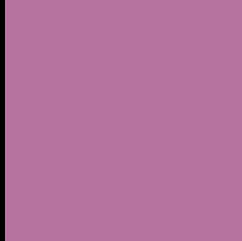
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 116, 161 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

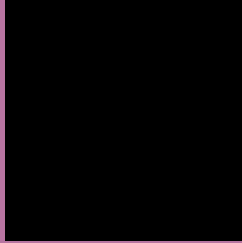
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 183, 116, 161 Background



This preview shows how black text looks on a background with the RGB color 183, 116, 161.

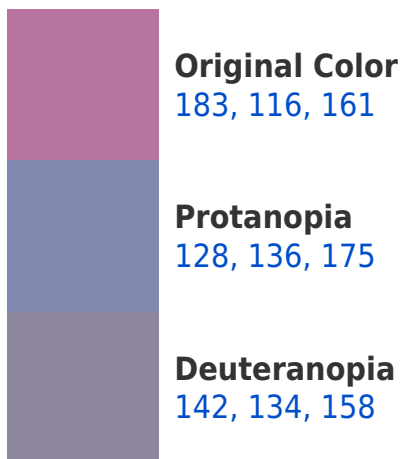


This preview shows how white text looks on a background with the RGB color 183, 116, 161.

# 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**  
179, 122, 131

# Trichromacy



**Original Color**  
183, 116, 161

**Protanomaly**  
148, 129, 170

**Deuteranomaly**  
157, 127, 159

**Tritanomaly**  
180, 120, 142

# Monochromacy



**Original Color**  
183, 116, 161

**Achromatopsia**  
141, 141, 141

**Achromatomaly**  
156, 132, 148

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 183, 116, 161 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(183, 116, 161)` looks like.

```
.text, #text, p{  
    color:rgb(183, 116, 161)  
}
```

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(183, 116, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 116, 161) }
```

## Border

The CSS property to change the border of an element to RGB 183, 116, 161 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(183, 116, 161) }
```

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

```
.border{ border-color:rgb(183, 116, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 116, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 116, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 116, 161);  
box-shadow:4px 4px 4px 4px rgb(183, 116,  
161) }
```

# Background

The CSS property to change the background color of an element to RGB 183, 116, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 116, 161) }
```

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

```
.background{ background-color: rgb(183,  
116, 161) }
```

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