

Converting Colors

RGB(181, 109, 165)

Have a look what the booklet for
RGB(181, 109, 165) contains.

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Color

RGB(181, 109, 165)

Conversions

Conversions Part 1

Format	Color
Hex	B56DA5
RGB	181, 109, 165
RGB Percent	71%, 43%, 65%
CMY	0.2902, 0.5725, 0.3529
CMYK	0.00, 0.40, 0.09, 0.29
HSL	313°, 33%, 57%
HSV	313°, 40%, 71%
XYZ	31.3162, 23.4776, 38.4784
YIQ	136.9120, 24.9360, 32.6800

Conversions

Conversions Part 2

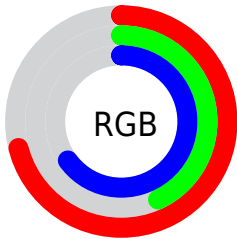
Format	Color
RYB	181, 109, 165
Decimal	11890085
CIELab	55.56, 36.89, -18.02
CIELCh	56, 41.053, 333.965
Yxy	23.4776, 0.3358, 0.2517
Android (android.graphics.Color)	4290080165 (0xFFB56DA5)
YUV	136.9120, 13.8474, 38.6652
Hunter-Lab	48.4537, 30.5726, -13.1661

Details

The RGB color **181, 109, 165** is a light color, and the websafe version is hex **996699**. A complement of this color would be **109, 181, 125**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **238, 162, 220**, and **127, 59, 113** is the 20% darker color. If you saturate the color by 10%, you get **181, 91, 161**, and if you desaturate by 10%, it is **181, 127, 169**.

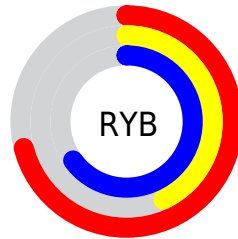
Distribution



Red (71%)

Green (43%)

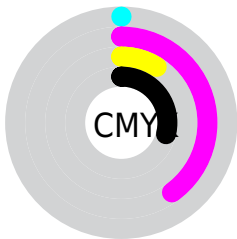
Blue (65%)



Red (71%)

Yellow (43%)

Blue (65%)

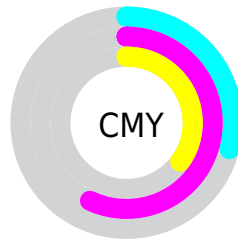


Cyan (0%)

Magenta (40%)

Yellow (9%)

Black (29%)



Cyan (29%)


Magenta (57%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 109, 165 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 181, 109, 165 by changing the saturation by 10% instead.

 181, 109, 165


255, 255, 255

 238, 162, 220

 255, 189, 249


 255, 218, 255

 255, 246, 255

 181, 109, 165

 153, 84, 139

 127, 59, 113

 101, 34, 88


 75, 6, 65


 51, 0, 43


 26, 0, 22


 0, 0, 0


 181, 109, 165


 181, 91, 161


 181, 109, 165


 181, 127, 169


 181, 73, 157


 181, 145, 173


 181, 55, 153


 181, 163, 177

 181, 37, 149


 181, 181, 181

 181, 19, 145


 181, 200, 185


 181, 0, 141

 181, 218, 189

 181, 0, 141

 181, 236, 193

 181, 254, 197

 181, 255, 201

Harmonies

Analogous

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



142, 122, 192



181, 109, 165



199, 103, 130

Triad

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



181, 109, 165



150, 133, 60



0, 150, 172

Complementary

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



181, 109, 165



109, 181, 125

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, 151, 137



181, 109, 165



113, 143, 72

Square

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



181, 109, 165



179, 120, 69



65, 149, 101



0, 145, 196

Rectangle

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



181, 109, 165



200, 105, 106



65, 149, 101



0, 151, 161

Sweetspot

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



181, 109, 165



235, 206, 228



125, 109, 181



117, 101, 114



245, 245, 245



117, 117, 117

Same Dimension

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



181, 109, 165



235, 122, 210



181, 109, 129



89, 80, 87



153, 0, 119



26, 0, 20

Inverse Universe

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



181, 109, 165



235, 122, 210



109, 181, 161



89, 80, 87



153, 0, 119



26, 0, 20

Previews

White Background



This preview shows how the RGB color 181, 109, 165 looks on a white background.

Color Contrast Check

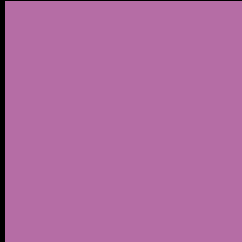
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 109, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

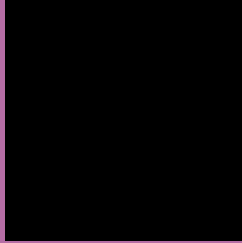
Any Text WCAG AA ✓ Pass

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 181, 109, 165 Background



This preview shows how black text looks on a background with the RGB color 181, 109, 165.



This preview shows how white text looks on a background with the RGB color 181, 109, 165.

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



Original Color
181, 109, 165

Protanopia
119, 132, 182

Deuteranopia
133, 131, 161



Tritanopia
176, 117, 126

Trichromacy



Original Color

181, 109, 165



Protanomaly

142, 124, 176



Deuteranomaly

150, 123, 162



Tritanomaly

178, 114, 140

Monochromacy



Original Color

181, 109, 165



Achromatopsia

137, 137, 137



Achromatomaly

153, 127, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 109, 165 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(181, 109, 165)` looks like.

```
.text, #text, p{  
    color:rgb(181, 109, 165)  
}
```

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(181, 109, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 109, 165) }
```

Border

The CSS property to change the border of an element to RGB 181, 109, 165 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(181, 109, 165) }
```

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

```
.border{ border-color:rgb(181, 109, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 109, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 109, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 109, 165);  
box-shadow:4px 4px 4px 4px rgb(181, 109,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 181, 109, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 109, 165) }
```

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

```
.background{ background-color: rgb(181,  
109, 165) }
```

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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