

Converting Colors

RGB(181, 158, 215)

Have a look what the booklet for
RGB(181, 158, 215) contains.

RGB(181, 158, 215)	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(181, 158, 215)

Conversions

Conversions Part 1

Format	Color
Hex	B59ED7
RGB	181, 158, 215
RGB Percent	71%, 62%, 84%
CMY	0.2902, 0.3804, 0.1569
CMYK	0.16, 0.27, 0.00, 0.16
HSL	264°, 42%, 73%
HSV	264°, 27%, 84%
XYZ	43.5487, 39.1838, 69.5579
YIQ	171.3750, -4.5890, 22.6030

Conversions

Conversions Part 2

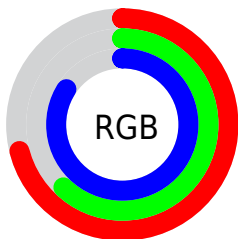
Format	Color
R_{YB}	181, 158, 215
Decimal	11902679
CIE _{Lab}	68.88, 19.58, -25.90
CIE _{LCh}	69, 32.468, 307.094
Yxy	39.1838, 0.2860, 0.2573
Android (android.graphics.Color)	4290092759 (0xFFB59ED7)
YUV	171.3750, 21.5071, 8.4411
Hunter-Lab	62.5969, 14.6377, -22.0654

Details

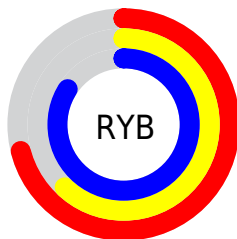
The RGB color **181, 158, 215** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **192, 215, 158**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **237, 213, 255**, and **127, 107, 160** is the 20% darker color. If you saturate the color by 10%, you get **168, 137, 215**, and if you desaturate by 10%, it is **194, 180, 215**.

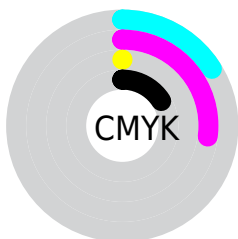
Distribution



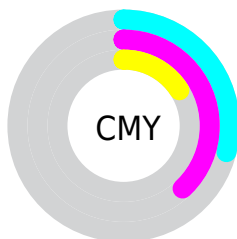
- Red (71%)
- Green (62%)
- Blue (84%)



- Red (71%)
- Yellow (62%)
- Blue (84%)



- Cyan (16%)
- Magenta (27%)
- Yellow (0%)
- Black (16%)




- Cyan (29%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 158, 215 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, 158, 215 by changing the saturation by 10% instead.


 181, 158, 215

255, 255, 255

 237, 213, 255

 255, 241, 255


 181, 158, 215


 154, 132, 187

 127, 107, 160

 102, 82, 134

 77, 59, 108

 53, 37, 84

 30, 16, 60

 8, 0, 39

 0, 1, 15

 0, 0, 0

■ 181, 158, 215

■ 181, 158, 215

■ 168, 137, 215

■ 194, 180, 215

■ 155, 115, 215

■ 207, 201, 215

■ 143, 94, 215

■ 219, 223, 215

■ 130, 72, 215

■ 232, 244, 215

■ 117, 51, 215

■ 245, 255, 215

■ 104, 29, 215

■ 255, 255, 215

■ 91, 8, 215

■ 87, 0, 215

Harmonies

Analogous

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



139, 169, 226



181, 158, 215



211, 149, 192

Triad

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



181, 158, 215



207, 159, 115



81, 184, 174

Complementary

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



181, 158, 215



192, 215, 158

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.



115, 182, 144



181, 158, 215



181, 169, 109

Square

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



181, 158, 215



223, 150, 134



149, 177, 120



67, 183, 203

Rectangle

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



181, 158, 215



223, 146, 172



149, 177, 120



91, 184, 164

Sweetspot

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



181, 158, 215



243, 235, 255



158, 192, 215



120, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 158, 215



206, 173, 255



209, 158, 215



101, 96, 107



69, 0, 171



17, 0, 43

Inverse Universe

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



215, 158, 192



255, 173, 222



164, 215, 158



107, 96, 103



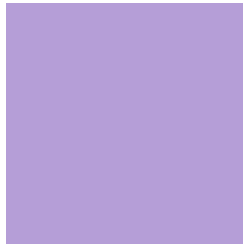
171, 0, 102



43, 0, 26

Previews

White Background



This preview shows how the RGB color 181, 158, 215 looks on a white background.

Color Contrast Check

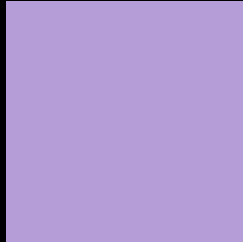
Large Text (above 18pt) WCAG AA × Fail

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 181, 158, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

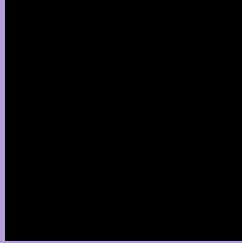
Any Text WCAG AA ✓ Pass

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 181, 158, 215 Background



This preview shows how black text looks on a background with the RGB color 181, 158, 215.



This preview shows how white text looks on a background with the RGB color 181, 158, 215.

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, 158, 215

Protanopia
153, 166, 221

Deuteranopia
161, 165, 214



Tritanopia

175, 165, 178

Trichromacy



Original Color
181, 158, 215

Protanomaly
163, 163, 219

Deuteranomaly
168, 162, 214

Tritanomaly
177, 162, 191

Monochromacy



Original Color
181, 158, 215

Achromatopsia
171, 171, 171

Achromatomaly
175, 166, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 158, 215 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, 158, 215)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 215)  
}
```

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, 158, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 215) }
```

Border

The CSS property to change the border of an element to RGB 181, 158, 215 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, 158, 215) }
```

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

```
.border{ border-color:rgb(181, 158, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 158, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 215);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 181, 158, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 158, 215) }
```

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

```
.background{ background-color: rgb(181,  
158, 215) }
```

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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