

Converting Colors

RGB(181, 155, 206)

Have a look what the booklet for
RGB(181, 155, 206) contains.

RGB(181, 155, 206)	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, 155, 206)

Conversions

Conversions Part 1

Format	Color
Hex	B59BCE
RGB	181, 155, 206
RGB Percent	71%, 61%, 81%
CMY	0.2902, 0.3922, 0.1922
CMYK	0.12, 0.25, 0.00, 0.19
HSL	271°, 34%, 71%
HSV	271°, 25%, 81%
XYZ	41.9180, 37.7227, 63.4644
YIQ	168.5880, -0.8750, 21.3730

Conversions

Conversions Part 2

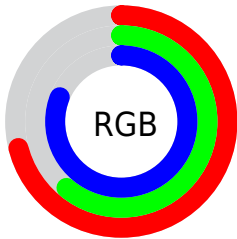
Format	Color
RYB	181, 155, 206
Decimal	11901902
CIELab	67.82, 19.32, -22.56
CIELCh	68, 29.696, 310.575
Yxy	37.7227, 0.2929, 0.2636
Android (android.graphics.Color)	4290091982 (0xFFB59BCE)
YUV	168.5880, 18.4441, 10.8853
Hunter-Lab	61.4188, 14.3424, -18.2716

Details

The RGB color **181, 155, 206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180, 206, 155**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **237, 210, 255**, and **128, 104, 152** is the 20% darker color. If you saturate the color by 10%, you get **171, 134, 206**, and if you desaturate by 10%, it is **191, 176, 206**.

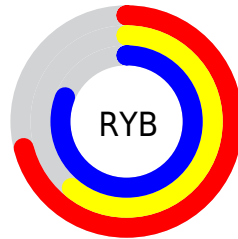
Distribution



Red (71%)

Green (61%)

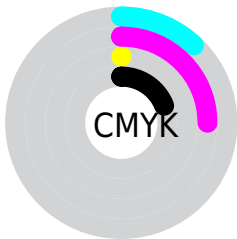
Blue (81%)



Red (71%)

Yellow (61%)

Blue (81%)

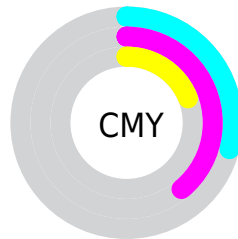


Cyan (12%)

Magenta (25%)

Yellow (0%)

Black (19%)



Cyan (29%)


Magenta (39%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 155, 206 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, 155, 206 by changing the saturation by 10% instead.


 181, 155, 206

255, 255, 255


 237, 210, 255

 255, 238, 255

 181, 155, 206


 154, 129, 178

 128, 104, 152

 102, 79, 126

 78, 56, 100


 54, 34, 76


 31, 14, 53


 4, 0, 32


 0, 0, 4


 0, 0, 0


 181, 155, 206


 181, 155, 206

 171, 134, 206


 191, 176, 206


 161, 114, 206


 201, 196, 206


 151, 93, 206


 211, 217, 206

 141, 73, 206


 221, 237, 206

 131, 52, 206

 231, 255, 206

 120, 31, 206

 242, 255, 206

 110, 11, 206

 252, 255, 206

 105, 0, 206

 255, 255, 206

Harmonies

Analogous

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



144, 165, 218



181, 155, 206



207, 147, 184

Triad

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



181, 155, 206



199, 158, 115



86, 180, 174

Complementary

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



181, 155, 206



180, 206, 155

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.



113, 179, 147



181, 155, 206



175, 167, 112

Square

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



181, 155, 206



215, 149, 132



145, 174, 124



80, 178, 199

Rectangle

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



181, 155, 206



216, 145, 166



145, 174, 124



94, 180, 165

Sweetspot

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



181, 155, 206



246, 237, 255



155, 180, 206



122, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 155, 206



217, 179, 255



206, 155, 206



97, 92, 102



84, 0, 166



19, 0, 38

Inverse Universe

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



206, 155, 180



255, 179, 216



155, 206, 155



102, 92, 97



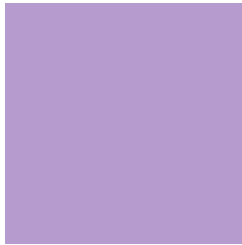
166, 0, 81



38, 0, 19

Previews

White Background



This preview shows how the RGB color 181, 155, 206 looks on a white background.

Color Contrast Check

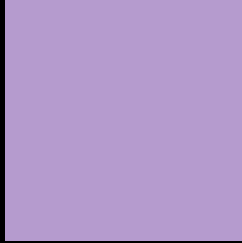
Large Text (above 18pt) WCAG AA × Fail

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, 155, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

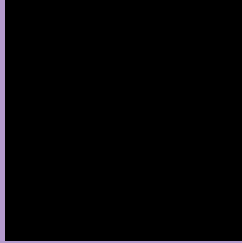
Any Text WCAG AA ✓ Pass

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, 155, 206 Background



This preview shows how black text looks on a background with the RGB color 181, 155, 206.

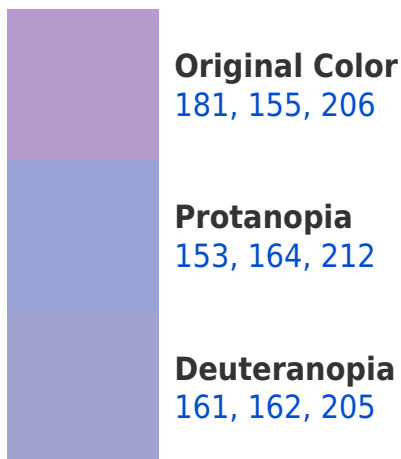



This preview shows how white text looks on a background with the RGB color 181, 155, 206.

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
176, 161, 174

Trichromacy



Original Color
181, 155, 206

Protanomaly
163, 161, 210

Deuteranomaly
168, 159, 205

Tritanomaly
178, 159, 186

Monochromacy



Original Color
181, 155, 206

Achromatopsia
169, 169, 169

Achromatomaly
173, 164, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 155, 206 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, 155, 206)` looks like.

```
.text, #text, p{  
    color:rgb(181, 155, 206)  
}
```

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, 155, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 155, 206) }
```

Border

The CSS property to change the border of an element to RGB 181, 155, 206 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, 155, 206) }
```

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

```
.border{ border-color:rgb(181, 155, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 155, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 155, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 155, 206);  
box-shadow:4px 4px 4px 4px rgb(181, 155,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 181, 155, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 155, 206) }
```

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

```
.background{ background-color: rgb(181,  
155, 206) }
```

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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