

Converting Colors

RGB(181, 129, 157)

Have a look what the booklet for
RGB(181, 129, 157) contains.

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Color

RGB(181, 129, 157)

Conversions

Conversions Part 1

Format	Color
Hex	B5819D
RGB	181, 129, 157
RGB Percent	71%, 51%, 62%
CMY	0.2902, 0.4941, 0.3843
CMYK	0.00, 0.29, 0.13, 0.29
HSL	328°, 26%, 61%
HSV	328°, 29%, 71%
XYZ	32.9921, 27.9586, 35.5560
YIQ	147.7400, 22.0040, 19.7320

Conversions

Conversions Part 2

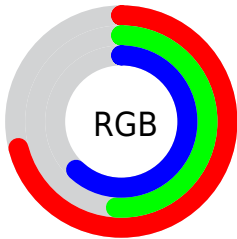
Format	Color
RYB	181, 129, 157
Decimal	11895197
CIELab	59.85, 24.45, -6.95
CIElCh	60, 25.416, 344.137
Yxy	27.9586, 0.3419, 0.2897
Android (android.graphics.Color)	4290085277 (0xFFB5819D)
YUV	147.7400, 4.5652, 29.1690
Hunter-Lab	52.8759, 18.8430, -2.8560

Details

The RGB color **181, 129, 157** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **129, 181, 153**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **238, 182, 212**, and **127, 79, 106** is the 20% darker color. If you saturate the color by 10%, you get **181, 111, 149**, and if you desaturate by 10%, it is **181, 147, 165**.

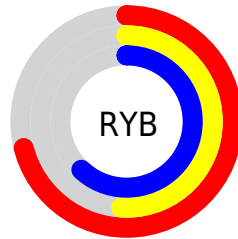
Distribution



Red (71%)

Green (51%)

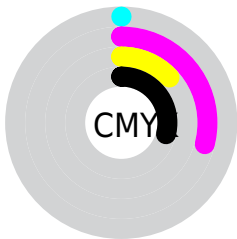
Blue (62%)



Red (71%)

Yellow (51%)

Blue (62%)

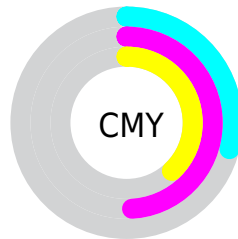


Cyan (0%)

Magenta (29%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 129, 157 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, 129, 157 by changing the saturation by 10% instead.


 181, 129, 157


255, 255, 255

 238, 182, 212

 255, 210, 240

 255, 239, 255


 181, 129, 157

 154, 104, 131

 127, 79, 106

 102, 55, 82

 77, 33, 59


 53, 10, 37


 35, 0, 16


 0, 0, 0


 181, 129, 157


 181, 111, 149


 181, 129, 157


 181, 147, 165


 181, 93, 140


 181, 165, 174

 181, 75, 132


 181, 183, 182

 181, 57, 124


 181, 201, 190

 181, 39, 115

 181, 219, 199


 181, 20, 107

 181, 238, 207

 181, 2, 99

 181, 255, 215

 181, 0, 97

 181, 255, 224

 181, 255, 232

Harmonies

Analogous

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



161, 135, 176



181, 129, 157



189, 128, 134

Triad

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



181, 129, 157



149, 146, 101



76, 155, 175

Complementary

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



181, 129, 157



129, 181, 153

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.



78, 157, 154



181, 129, 157



124, 152, 112

Square

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



181, 129, 157



171, 139, 102



98, 156, 131



99, 150, 187

Rectangle

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



181, 129, 157



188, 130, 120



98, 156, 131



74, 156, 168

Sweetspot

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



181, 129, 157



235, 213, 225



152, 129, 181



117, 104, 111



245, 245, 245



117, 117, 117

Same Dimension

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



181, 129, 157



235, 155, 198



181, 129, 132



89, 80, 85



153, 0, 82



26, 0, 14

Inverse Universe

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



181, 129, 157



235, 155, 198



129, 181, 178



89, 80, 85



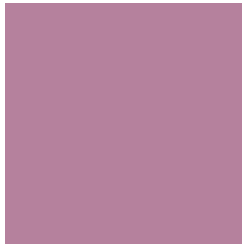
153, 0, 82



26, 0, 14

Previews

White Background



This preview shows how the RGB color 181, 129, 157 looks on a white background.

Color Contrast Check

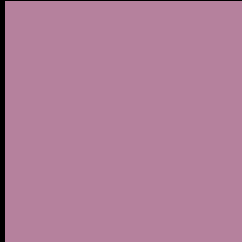
Large Text (above 18pt) WCAG AA ✓ Pass

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, 129, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

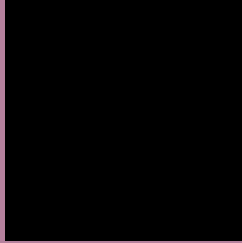
Any Text WCAG AA ✓ Pass

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, 129, 157 Background



This preview shows how black text looks on a background with the RGB color 181, 129, 157.



This preview shows how white text looks on a background with the RGB color 181, 129, 157.

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, 129, 157

Protanopia
141, 143, 166

Deuteranopia
154, 140, 155



Tritanopia
179, 132, 142

Trichromacy



Original Color
181, 129, 157

Protanomaly
156, 138, 163

Deuteranomaly
164, 136, 156

Tritanomaly
180, 131, 147

Monochromacy



Original Color
181, 129, 157

Achromatopsia
148, 148, 148

Achromatomaly
160, 141, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 129, 157 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, 129, 157)` looks like.

```
.text, #text, p{  
    color:rgb(181, 129, 157)  
}
```

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, 129, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 129, 157) }
```

Border

The CSS property to change the border of an element to RGB 181, 129, 157 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, 129, 157) }
```

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

```
.border{ border-color:rgb(181, 129, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 129, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 129, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 129, 157);  
box-shadow:4px 4px 4px 4px rgb(181, 129,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 181, 129, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 129, 157) }
```

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

```
.background{ background-color: rgb(181,  
129, 157) }
```

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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