

Converting Colors

RGB(193, 131, 180)

Have a look what the booklet for
RGB(193, 131, 180) contains.

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Color

RGB(193, 131, 180)

Conversions

Conversions Part 1

Format	Color
Hex	C183B4
RGB	193, 131, 180
RGB Percent	76%, 51%, 71%
CMY	0.2431, 0.4863, 0.2941
CMYK	0.00, 0.32, 0.07, 0.24
HSL	313°, 33%, 64%
HSV	313°, 32%, 76%
XYZ	38.3468, 30.8653, 47.1165
YIQ	155.1240, 21.2230, 28.3830

Conversions

Conversions Part 2

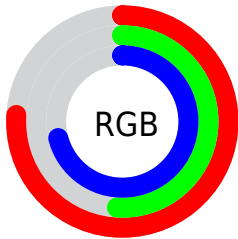
Format	Color
RYB	193, 131, 180
Decimal	12682164
CIELab	62.39, 31.56, -16.11
CIELCh	62, 35.431, 332.949
Yxy	30.8653, 0.3296, 0.2653
Android (android.graphics.Color)	4290872244 (0xFFC183B4)
YUV	155.1240, 12.2639, 33.2173
Hunter-Lab	55.5566, 25.9821, -11.3932

Details

The RGB color **193, 131, 180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **131, 193, 144**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **250, 185, 236**, and **138, 80, 127** is the 20% darker color. If you saturate the color by 10%, you get **193, 112, 176**, and if you desaturate by 10%, it is **193, 150, 184**.

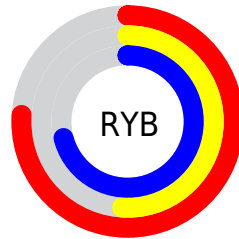
Distribution



Red (76%)

Green (51%)

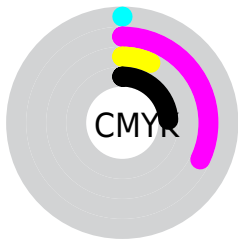
Blue (71%)



Red (76%)

Yellow (51%)

Blue (71%)

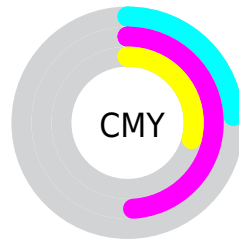


Cyan (0%)

Magenta (32%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 131, 180 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 193, 131, 180 by changing the saturation by 10% instead.

 193, 131, 180

255, 255, 255

 250, 185, 236

 255, 213, 255

 255, 241, 255

 193, 131, 180


 165, 105, 153

 138, 80, 127

 112, 56, 102

 87, 32, 78

 62, 7, 55

 41, 0, 34

 0, 0, 7


 0, 0, 0

 193, 131, 180


 193, 131, 180


 193, 112, 176


 193, 150, 184

 193, 92, 172


 193, 170, 188

 193, 73, 168


 193, 189, 192

 193, 54, 164

 193, 208, 196

 193, 34, 160

 193, 227, 200

 193, 15, 156

 193, 247, 204

 193, 0, 153

 193, 255, 208

 193, 255, 212

 193, 255, 216

Harmonies

Analogous

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



158, 142, 204



193, 131, 180



210, 126, 149

Triad

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



193, 131, 180



168, 150, 87



0, 167, 184

Complementary

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



193, 131, 180



131, 193, 144

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.



51, 168, 153



193, 131, 180



135, 159, 97

Square

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



193, 131, 180



195, 139, 96



97, 165, 121



50, 162, 206

Rectangle

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



193, 131, 180



212, 128, 128



97, 165, 121



7, 167, 174

Sweetspot

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



193, 131, 180



250, 225, 245



143, 131, 193



125, 110, 122



252, 252, 252



125, 125, 125

Same Dimension

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



193, 131, 180



250, 152, 229



193, 131, 150



97, 87, 95



161, 0, 127



33, 0, 26

Inverse Universe

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



193, 131, 180



250, 152, 229



131, 193, 174



97, 87, 95



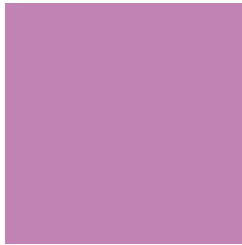
161, 0, 127



33, 0, 26

Previews

White Background



This preview shows how the RGB color 193, 131, 180 looks on a white background.

Color Contrast Check

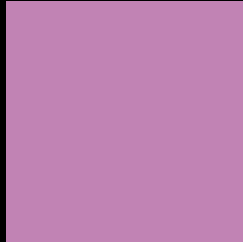
Large Text (above 18pt) WCAG AA × Fail

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 193, 131, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

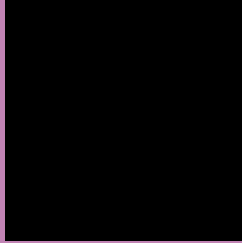
Any Text WCAG AA ✓ Pass

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 193, 131, 180 Background



This preview shows how black text looks on a background with the RGB color 193, 131, 180.

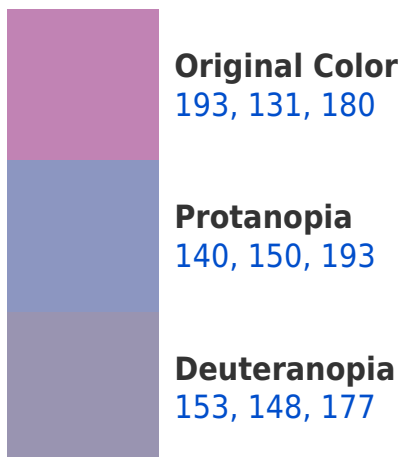



This preview shows how white text looks on a background with the RGB color 193, 131, 180.

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
189, 137, 148

Trichromacy



Original Color
193, 131, 180

Protanomaly
159, 143, 188

Deuteranomaly
168, 142, 178

Tritanomaly
190, 135, 160

Monochromacy



Original Color
193, 131, 180

Achromatopsia
155, 155, 155

Achromatomaly
169, 146, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 131, 180 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(193, 131, 180)` looks like.

```
.text, #text, p{  
    color:rgb(193, 131, 180)  
}
```

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(193, 131, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 131, 180) }
```

Border

The CSS property to change the border of an element to RGB 193, 131, 180 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(193, 131, 180) }
```

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

```
.border{ border-color:rgb(193, 131, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 131, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 131, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 131, 180);  
box-shadow:4px 4px 4px 4px rgb(193, 131,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 193, 131, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 131, 180) }
```

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

```
.background{ background-color: rgb(193,  
131, 180) }
```

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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