

Converting Colors

RGB(181, 120, 207)

Have a look what the booklet for
RGB(181, 120, 207) contains.

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Color

RGB(181, 120, 207)

Conversions

Conversions Part 1

Format	Color
Hex	B578CF
RGB	181, 120, 207
RGB Percent	71%, 47%, 81%
CMY	0.2902, 0.5294, 0.1882
CMYK	0.13, 0.42, 0.00, 0.19
HSL	282°, 48%, 64%
HSV	282°, 42%, 81%
XYZ	37.0350, 27.7617, 62.4381
YIQ	148.1570, 8.4290, 39.9890

Conversions

Conversions Part 2

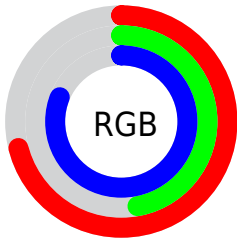
Format	Color
RYB	181, 120, 207
Decimal	11892943
CIELab	59.67, 39.02, -35.69
CIElCh	60, 52.881, 317.554
Yxy	27.7617, 0.2911, 0.2182
Android (android.graphics.Color)	4290083023 (0xFFB578CF)
YUV	148.1570, 29.0096, 28.8033
Hunter-Lab	52.6894, 33.2601, -33.3774

Details

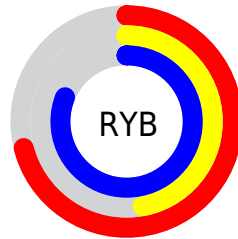
The RGB color **181, 120, 207** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **146, 207, 120**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **238, 173, 255**, and **126, 69, 152** is the 20% darker color. If you saturate the color by 10%, you get **175, 99, 207**, and if you desaturate by 10%, it is **187, 141, 207**.

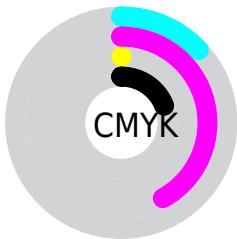
Distribution



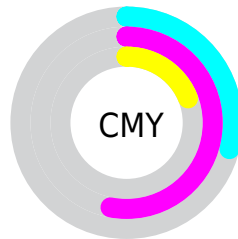
- Red (71%)
- Green (47%)
- Blue (81%)



- Red (71%)
- Yellow (47%)
- Blue (81%)



- Cyan (13%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)





- Cyan (29%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 120, 207 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, 120, 207 by changing the saturation by 10% instead.

 181, 120, 207

 181, 120, 207

255, 255, 255

 153, 94, 179

 238, 173, 255

 126, 69, 152

 255, 201, 255

 100, 45, 126

 255, 230, 255

 75, 20, 101


 49, 0, 76


 30, 0, 53

 0, 2, 31

 0, 0, 2


 0, 0, 0


 181, 120, 207

 181, 120, 207


 175, 99, 207


 187, 141, 207

 169, 79, 207


 193, 161, 207

 162, 58, 207

 200, 182, 207

 156, 37, 207

 206, 203, 207

 150, 17, 207

 212, 223, 207

 145, 0, 207

 218, 244, 207

 224, 255, 207

 230, 255, 207

 237, 255, 207

Harmonies

Analogous

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



111, 139, 233



181, 120, 207



219, 104, 165

Triad

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



181, 120, 207



185, 134, 49



0, 167, 170

Complementary

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



181, 120, 207



146, 207, 120

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, 165, 122



181, 120, 207



143, 150, 48

Square

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



181, 120, 207



216, 116, 77



89, 160, 78



0, 163, 211

Rectangle

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



181, 120, 207



229, 102, 134



89, 160, 78



0, 167, 154

Sweetspot

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



181, 120, 207



245, 222, 255



120, 146, 207



121, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 120, 207



217, 128, 255



207, 120, 190



101, 94, 105



118, 0, 168



29, 0, 41

Inverse Universe

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



207, 120, 146



255, 128, 166



120, 207, 137



105, 94, 97



168, 0, 50



41, 0, 12

Previews

White Background



This preview shows how the RGB color 181, 120, 207 looks on a white background.

Color Contrast Check

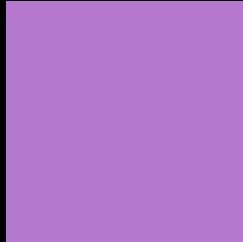
Large Text (above 18pt) WCAG AA ✓ Pass

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, 120, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

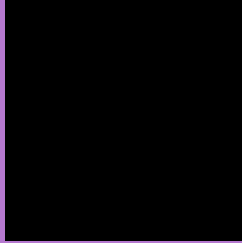
Any Text WCAG AA ✓ Pass

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, 120, 207 Background



This preview shows how black text looks on a background with the RGB color 181, 120, 207.

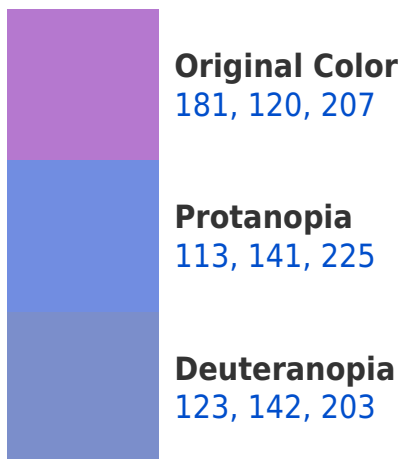



This preview shows how white text looks on a background with the RGB color 181, 120, 207.

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

172, 134, 144

Trichromacy



Original Color

181, 120, 207



Protanomaly

138, 133, 218



Deuteranomaly

144, 134, 204



Tritanomaly

175, 129, 167

Monochromacy



Original Color

181, 120, 207



Achromatopsia

148, 148, 148



Achromatomaly

160, 138, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 120, 207 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, 120, 207)` looks like.

```
.text, #text, p{  
    color:rgb(181, 120, 207)  
}
```

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, 120, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 120, 207) }
```

Border

The CSS property to change the border of an element to RGB 181, 120, 207 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, 120, 207) }
```

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

```
.border{ border-color:rgb(181, 120, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 120, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 120, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 120, 207);  
box-shadow:4px 4px 4px 4px rgb(181, 120,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 181, 120, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 120, 207) }
```

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

```
.background{ background-color: rgb(181,  
120, 207) }
```

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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