

Converting Colors

RGB(188, 127, 181)

Have a look what the booklet for
RGB(188, 127, 181) contains.

RGB(188, 127, 181)	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(188, 127, 181)

Conversions

Conversions Part 1

Format	Color
Hex	BC7FB5
RGB	188, 127, 181
RGB Percent	74%, 50%, 71%
CMY	0.2627, 0.5020, 0.2902
CMYK	0.00, 0.32, 0.04, 0.26
HSL	307°, 31%, 62%
HSV	307°, 32%, 74%
XYZ	36.6689, 29.2063, 47.4208
YIQ	151.3950, 19.0220, 29.7260

Conversions

Conversions Part 2

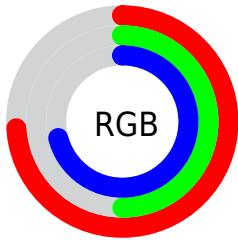
Format	Color
RYB	188, 127, 181
Decimal	12353461
CIELab	60.96, 32.25, -18.90
CIELCh	61, 37.384, 329.623
Yxy	29.2063, 0.3237, 0.2578
Android (android.graphics.Color)	4290543541 (0xFFBC7FB5)
YUV	151.3950, 14.5953, 32.1026
Hunter-Lab	54.0429, 26.5400, -14.1950

Details

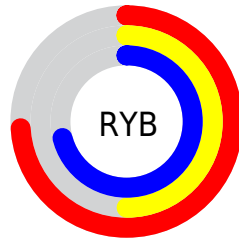
The RGB color **188, 127, 181** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **127, 188, 134**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **245, 181, 237**, and **134, 77, 128** is the 20% darker color. If you saturate the color by 10%, you get **188, 108, 179**, and if you desaturate by 10%, it is **188, 146, 183**.

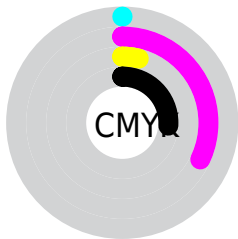
Distribution



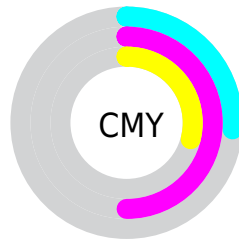
- Red (74%)
- Green (50%)
- Blue (71%)



- Red (74%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (50%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the RGB color 188, 127, 181 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 188, 127, 181 by changing the saturation by 10% instead.

 188, 127, 181


255, 255, 255

 245, 181, 237


 255, 208, 255

 255, 237, 255

 188, 127, 181

 160, 101, 154

 134, 77, 128

 108, 52, 103

 82, 29, 79


 58, 3, 56

 38, 0, 34

 0, 0, 8

 0, 0, 0

 188, 127, 181


 188, 127, 181

 188, 108, 179


 188, 146, 183

 188, 89, 177


 188, 165, 185

 188, 71, 175


 188, 183, 187

 188, 52, 172

 188, 202, 190

 188, 33, 170

 188, 221, 192

 188, 14, 168

 188, 240, 194

 188, 0, 166

 188, 255, 196

 188, 255, 198

 188, 255, 200

Harmonies

Analogous

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



150, 139, 204



188, 127, 181



208, 121, 149

Triad

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



188, 127, 181



168, 145, 80



0, 164, 179

Complementary

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



188, 127, 181



127, 188, 134

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.



41, 164, 146



188, 127, 181



134, 155, 88

Square

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



188, 127, 181



195, 133, 91



94, 161, 113



3, 159, 203

Rectangle

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



188, 127, 181



211, 122, 127



94, 161, 113



0, 164, 168

Sweetspot

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



188, 127, 181



245, 220, 242



133, 127, 188



122, 108, 121



250, 250, 250



122, 122, 122

Same Dimension

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



188, 127, 181



245, 149, 234



188, 127, 151



94, 85, 93



158, 0, 140



31, 0, 27

Inverse Universe

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



188, 127, 181



245, 149, 234



127, 188, 164



94, 85, 93



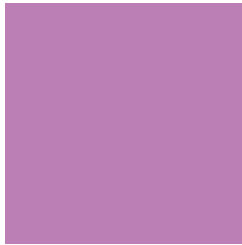
158, 0, 140



31, 0, 27

Previews

White Background



This preview shows how the RGB color 188, 127, 181 looks on a white background.

Color Contrast Check

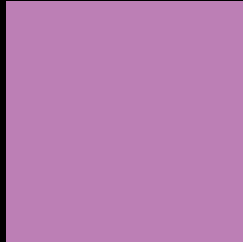
Large Text (above 18pt) WCAG AA ✓ Pass

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 188, 127, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

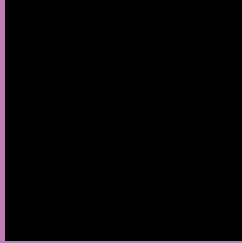
Any Text WCAG AA ✓ Pass

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 188, 127, 181 Background



This preview shows how black text looks on a background with the RGB color 188, 127, 181.

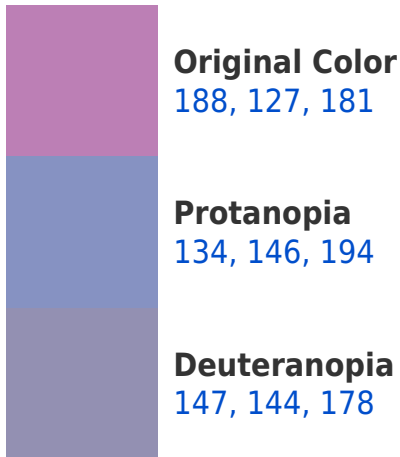



This preview shows how white text looks on a background with the RGB color 188, 127, 181.

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

183, 134, 144

Trichromacy



Original Color

188, 127, 181



Protanomaly

154, 139, 189



Deuteranomaly

162, 138, 179



Tritanomaly

185, 131, 157

Monochromacy



Original Color

188, 127, 181



Achromatopsia

151, 151, 151



Achromatomaly

164, 142, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 127, 181 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(188, 127, 181)` looks like.

```
.text, #text, p{  
    color:rgb(188, 127, 181)  
}
```

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(188, 127, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 127, 181) }
```

Border

The CSS property to change the border of an element to RGB 188, 127, 181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

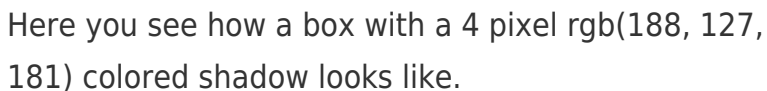
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 127, 181) }
```

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

```
.border{ border-color:rgb(188, 127, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 127, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 127, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 127, 181); box-shadow:4px 4px 4px 4px rgb(188, 127, 181) }
```

Background

The CSS property to change the background color of an element to RGB 188, 127, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 127, 181) }
```

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

```
.background{ background-color: rgb(188,  
127, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor