

Converting Colors

RGB(187, 151, 207)

Have a look what the booklet for
RGB(187, 151, 207) contains.

RGB(187, 151, 207)	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(187, 151, 207)

Conversions

Conversions Part 1

Format	Color
Hex	BB97CF
RGB	187, 151, 207
RGB Percent	73%, 59%, 81%
CMY	0.2667, 0.4078, 0.1882
CMYK	0.10, 0.27, 0.00, 0.19
HSL	279°, 37%, 70%
HSV	279°, 27%, 81%
XYZ	42.8226, 37.2030, 63.9554
YIQ	168.1480, 3.4800, 25.0480

Conversions

Conversions Part 2

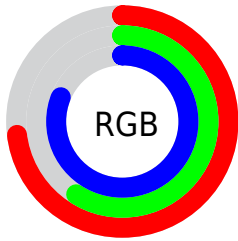
Format	Color
RYB	187, 151, 207
Decimal	12294095
CIELab	67.43, 23.70, -23.65
CIElCh	67, 33.483, 315.058
Yxy	37.2030, 0.2974, 0.2584
Android (android.graphics.Color)	4290484175 (0xFFBB97CF)
YUV	168.1480, 19.1540, 16.5332
Hunter-Lab	60.9943, 18.5806, -19.4724

Details

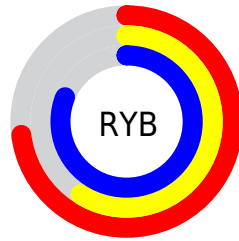
The RGB color **187, 151, 207** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 207, 151**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **244, 205, 255**, and **133, 100, 153** is the 20% darker color. If you saturate the color by 10%, you get **180, 130, 207**, and if you desaturate by 10%, it is **194, 172, 207**.

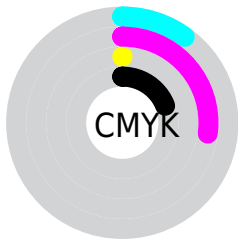
Distribution



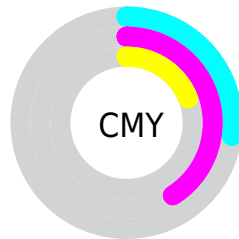
- Red (73%)
- Green (59%)
- Blue (81%)



- Red (73%)
- Yellow (59%)
- Blue (81%)



- Cyan (10%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RGB color 187, 151, 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 187, 151, 207 by changing the saturation by 10% instead.

 187, 151, 207

 187, 151, 207

255, 255, 255

 160, 125, 179

 244, 205, 255

 133, 100, 153

 255, 234, 255

 107, 76, 126

 83, 52, 101

 59, 30, 77

 36, 9, 54

 10, 0, 33

 0, 0, 5

 0, 0, 0

■ 187, 151, 207

■ 187, 151, 207

■ 180, 130, 207

■ 194, 172, 207

■ 172, 110, 207

■ 202, 192, 207

■ 165, 89, 207

■ 209, 213, 207

■ 157, 68, 207

■ 217, 234, 207

■ 150, 47, 207

■ 224, 255, 207

■ 143, 27, 207

■ 231, 255, 207

■ 135, 6, 207

■ 239, 255, 207

■ 133, 0, 207

■ 246, 255, 207

■ 254, 255, 207

Harmonies

Analogous

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



146, 162, 222



187, 151, 207



214, 143, 181

Triad

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



187, 151, 207



198, 157, 106



64, 181, 179

Complementary

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



187, 151, 207



171, 207, 151

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.



99, 180, 148



187, 151, 207



169, 167, 105

Square

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



187, 151, 207



218, 147, 123



135, 175, 121



59, 178, 206

Rectangle

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



187, 151, 207



222, 141, 160



135, 175, 121



74, 181, 168

Sweetspot

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



187, 151, 207



248, 235, 255



151, 172, 207



123, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 151, 207



226, 173, 255



207, 151, 200



101, 94, 105



108, 0, 168



26, 0, 41

Inverse Universe

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



207, 151, 171



255, 173, 203



151, 207, 158



105, 94, 98



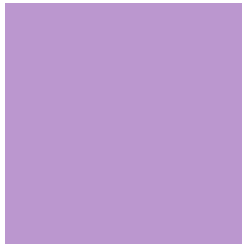
168, 0, 60



41, 0, 15

Previews

White Background



This preview shows how the RGB color 187, 151, 207 looks on a white background.

Color Contrast Check

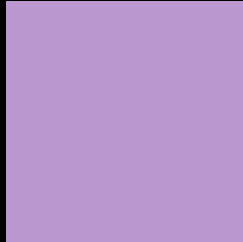
Large Text (above 18pt) WCAG AA × Fail

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 187, 151, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

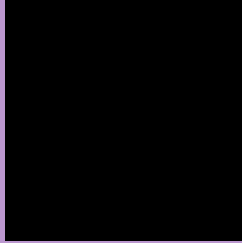
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 187, 151, 207 Background



This preview shows how black text looks on a background with the RGB color 187, 151, 207.



This preview shows how white text looks on a background with the RGB color 187, 151, 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



Original Color
187, 151, 207

Protanopia
150, 162, 215

Deuteranopia
159, 161, 205



Tritanopia
181, 158, 170

Trichromacy



Original Color
187, 151, 207

Protanomaly
163, 158, 212

Deuteranomaly
169, 157, 206

Tritanomaly
183, 155, 183

Monochromacy



Original Color
187, 151, 207

Achromatopsia
168, 168, 168

Achromatomaly
175, 162, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 151, 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(187, 151, 207)` looks like.

```
.text, #text, p{  
    color:rgb(187, 151, 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(187, 151, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 151, 207) }
```

Border

The CSS property to change the border of an element to RGB 187, 151, 207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

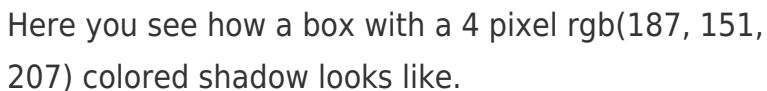
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 151, 207) }
```

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

```
.border{ border-color:rgb(187, 151, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 151, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 151, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 151, 207); box-shadow:4px 4px 4px 4px rgb(187, 151, 207) }
```

Background

The CSS property to change the background color of an element to RGB 187, 151, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 151, 207) }
```

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

```
.background{ background-color: rgb(187,  
151, 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](#).

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