

Converting Colors

RGB(187, 130, 206)

Have a look what the booklet for
RGB(187, 130, 206) contains.

RGB(187, 130, 206)	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, 130, 206)

Conversions

Conversions Part 1

Format	Color
Hex	BB82CE
RGB	187, 130, 206
RGB Percent	73%, 51%, 81%
CMY	0.2667, 0.4902, 0.1922
CMYK	0.09, 0.37, 0.00, 0.19
HSL	285°, 44%, 66%
HSV	285°, 37%, 81%
XYZ	39.6167, 30.9863, 62.2854
YIQ	155.7070, 9.5760, 35.7200

Conversions

Conversions Part 2

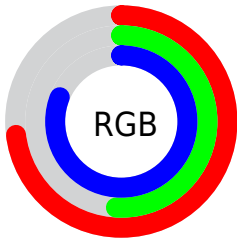
Format	Color
RYB	187, 130, 206
Decimal	12288718
CIELab	62.50, 35.15, -30.69
CIELCh	62, 46.659, 318.878
Yxy	30.9863, 0.2981, 0.2332
Android (android.graphics.Color)	4290478798 (0xFFBB82CE)
YUV	155.7070, 24.7944, 27.4440
Hunter-Lab	55.6653, 29.6232, -27.3755

Details

The RGB color **187, 130, 206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 206, 130**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **244, 184, 255**, and **133, 79, 151** is the 20% darker color. If you saturate the color by 10%, you get **182, 109, 206**, and if you desaturate by 10%, it is **192, 151, 206**.

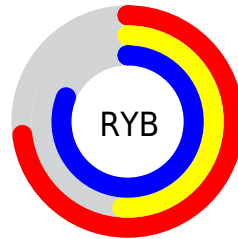
Distribution



Red (73%)

Green (51%)

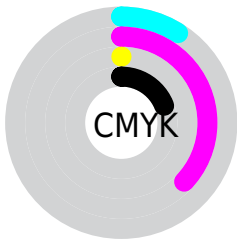
Blue (81%)



Red (73%)

Yellow (51%)

Blue (81%)

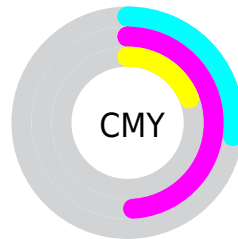


Cyan (9%)

Magenta (37%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (49%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 130, 206 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, 130, 206 by changing the saturation by 10% instead.

 187, 130, 206

 187, 130, 206

255, 255, 255

 159, 104, 178


 244, 184, 255

 133, 79, 151

 255, 212, 255

 106, 55, 125

 255, 240, 255

 81, 31, 100


 56, 5, 76

 35, 0, 53


 0, 0, 31


 0, 0, 1

 0, 0, 0

 187, 130, 206

 187, 130, 206

 182, 109, 206

 192, 151, 206

 177, 89, 206


 197, 171, 206

 172, 68, 206

 202, 192, 206

 166, 48, 206

 208, 212, 206

 161, 27, 206

 213, 233, 206

 156, 6, 206

 218, 254, 206

 155, 0, 206

 223, 255, 206

 228, 255, 206

 233, 255, 206

Harmonies

Analogous

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



129, 146, 229



187, 130, 206



220, 118, 168

Triad

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



187, 130, 206



189, 143, 68



0, 172, 177

Complementary

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



187, 130, 206



149, 206, 130

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.



13, 171, 134



187, 130, 206



150, 157, 69

Square

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



187, 130, 206



217, 128, 90



102, 166, 95



0, 169, 213

Rectangle

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



187, 130, 206



229, 116, 140



102, 166, 95



0, 172, 163

Sweetspot

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



187, 130, 206



248, 227, 255



130, 149, 206



123, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 130, 206



227, 143, 255



206, 130, 187



99, 92, 102



124, 0, 166



29, 0, 38

Inverse Universe

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



206, 130, 149



255, 143, 171



130, 206, 149



102, 92, 94



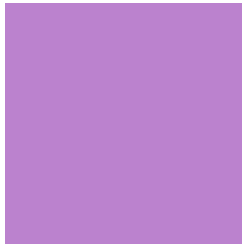
166, 0, 41



38, 0, 10

Previews

White Background



This preview shows how the RGB color 187, 130, 206 looks on a white background.

Color Contrast Check

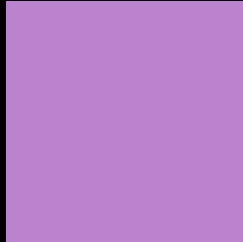
Large Text (above 18pt) WCAG AA × Fail

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, 130, 206 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, 130, 206 Background



This preview shows how black text looks on a background with the RGB color 187, 130, 206.

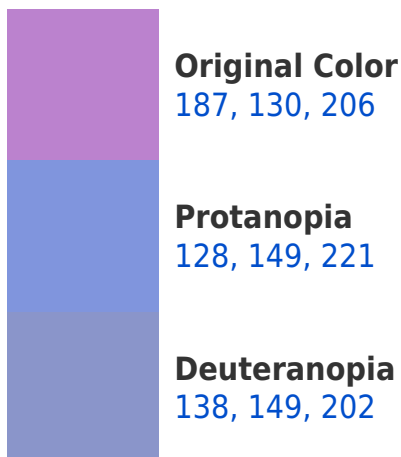



This preview shows how white text looks on a background with the RGB color 187, 130, 206.

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
179, 141, 152

Trichromacy



Original Color

187, 130, 206



Protanomaly

149, 142, 216



Deuteranomaly

156, 142, 203



Tritanomaly

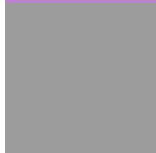
182, 137, 172

Monochromacy



Original Color

187, 130, 206



Achromatopsia

156, 156, 156



Achromatomaly

167, 147, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 130, 206 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, 130, 206)` looks like.

```
.text, #text, p{  
    color:rgb(187, 130, 206)  
}
```

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, 130, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 130, 206) }
```

Border

The CSS property to change the border of an element to RGB 187, 130, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

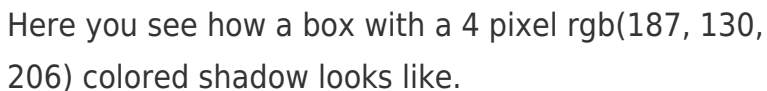
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 130, 206) }
```

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

```
.border{ border-color:rgb(187, 130, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 130, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 130, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 130, 206);  
box-shadow:4px 4px 4px 4px rgb(187, 130,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 187, 130, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 130, 206) }
```

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

```
.background{ background-color: rgb(187,  
130, 206) }
```

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