

Converting Colors

RGB(183, 147, 206)

Have a look what the booklet for
RGB(183, 147, 206) contains.

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Color

RGB(183, 147, 206)

Conversions

Conversions Part 1	
Format	Color
Hex	B793CE
RGB	183, 147, 206
RGB Percent	72%, 58%, 81%
CMY	0.2824, 0.4235, 0.1922
CMYK	0.11, 0.29, 0.00, 0.19
HSL	277°, 38%, 69%
HSV	277°, 29%, 81%
XYZ	41.1027, 35.3909, 63.0573
YIQ	164.4900, 2.5170, 25.9810

Conversions

Conversions Part 2

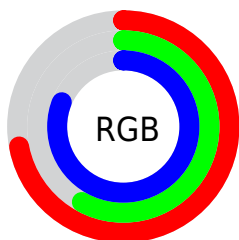
Format	Color
RYB	183, 147, 206
Decimal	12030926
CIELab	66.05, 24.43, -25.24
CIELCh	66, 35.129, 314.072
Yxy	35.3909, 0.2945, 0.2536
Android (android.graphics.Color)	4290221006 (0xFFB793CE)
YUV	164.4900, 20.4644, 16.2333
Hunter-Lab	59.4903, 19.2203, -21.2018

Details

The RGB color **183, 147, 206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170, 206, 147**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **239, 201, 255**, and **129, 96, 152** is the 20% darker color. If you saturate the color by 10%, you get **175, 126, 206**, and if you desaturate by 10%, it is **191, 168, 206**.

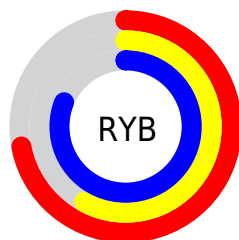
Distribution



Red (72%)

Green (58%)

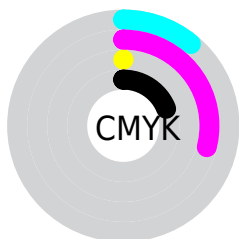
Blue (81%)



Red (72%)

Yellow (58%)

Blue (81%)

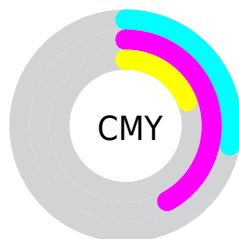


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (19%)



Cyan (28%)

Magenta (42%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 147, 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 183, 147, 206 by changing the saturation by 10% instead.

 183, 147, 206

255, 255, 255


 239, 201, 255

 255, 229, 255


 183, 147, 206

 156, 121, 178

 129, 96, 152

 104, 72, 125

 79, 49, 100

 55, 27, 76

 32, 5, 53

 0, 0, 32


 0, 0, 3


 0, 0, 0

 183, 147, 206

 183, 147, 206

 175, 126, 206


 191, 168, 206

 167, 106, 206


 199, 188, 206

 159, 85, 206


 207, 209, 206


 151, 65, 206

 215, 229, 206

 143, 44, 206

 223, 250, 206

 135, 23, 206

 231, 255, 206

 127, 3, 206

 239, 255, 206

 126, 0, 206

 247, 255, 206

 255, 255, 206

Harmonies

Analogous

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



139, 159, 221



183, 147, 206



212, 138, 179

Triad

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



183, 147, 206



196, 153, 100



49, 178, 175

Complementary

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



183, 147, 206



170, 206, 147

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.



92, 176, 142



183, 147, 206



167, 163, 98

Square

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



183, 147, 206



216, 142, 118



131, 171, 114



38, 175, 203

Rectangle

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



183, 147, 206



221, 136, 157



131, 171, 114



64, 177, 164

Sweetspot

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



183, 147, 206



246, 232, 255



147, 171, 206



122, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 147, 206



221, 168, 255



206, 147, 200



98, 92, 102



101, 0, 166



23, 0, 38

Inverse Universe

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



206, 147, 170



255, 168, 202



147, 206, 153



102, 92, 96



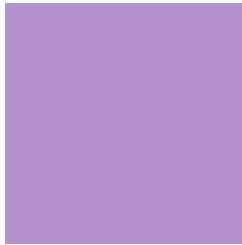
166, 0, 65



38, 0, 15

Previews

White Background



This preview shows how the RGB color 183, 147, 206 looks on a white background.

Color Contrast Check

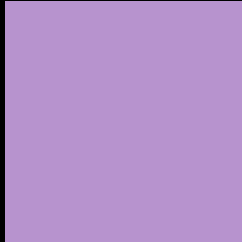
Large Text (above 18pt) WCAG AA × Fail

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 183, 147, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

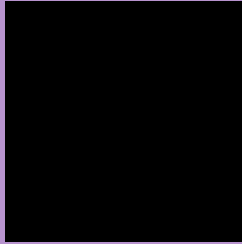
Any Text WCAG AA ✓ Pass

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 183, 147, 206 Background



This preview shows how black text looks on a background with the RGB color 183, 147, 206.



This preview shows how white text looks on a background with the RGB color 183, 147, 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



Original Color

183, 147, 206

Protanopia

145, 159, 215

Deuteranopia





154, 158, 204




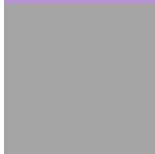
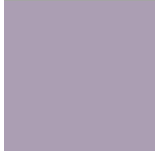
Tritanopia

177, 155, 167

Trichromacy

	Original Color 183, 147, 206
	Protanomaly 159, 155, 212
	Deuteranomaly 165, 154, 205
	Tritanomaly 179, 152, 181

Monochromacy

	Original Color 183, 147, 206
	Achromatopsia 164, 164, 164
	Achromatomaly 171, 158, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 147, 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(183, 147, 206) looks like.

```
.text, #text, p{  
    color:rgb(183, 147, 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(183, 147, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 147, 206) }
```

Border

The CSS property to change the border of an element to RGB 183, 147, 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(183, 147, 206) }
```

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

```
.border{ border-color:rgb(183, 147, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 147, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 147, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 147, 206);  
box-shadow:4px 4px 4px 4px rgb(183, 147,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 183, 147, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 147, 206) }
```

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

```
.background{ background-color: rgb(183,  
147, 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](#).

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