

Converting Colors

RGB(187, 148, 177)

Have a look what the booklet for
RGB(187, 148, 177) contains.

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Color

RGB(187, 148, 177)

Conversions

Conversions Part 1

Format	Color
Hex	BB94B1
RGB	187, 148, 177
RGB Percent	73%, 58%, 69%
CMY	0.2667, 0.4196, 0.3059
CMYK	0.00, 0.21, 0.05, 0.27
HSL	315°, 22%, 66%
HSV	315°, 21%, 73%
XYZ	39.0192, 34.9189, 46.2785
YIQ	162.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

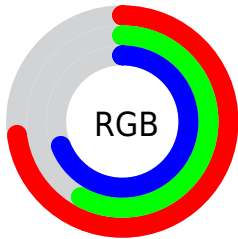
Format	Color
RYB	187, 148, 177
Decimal	12293297
CIELab	65.69, 19.51, -9.54
CIELCh	66, 21.719, 333.957
Yxy	34.9189, 0.3246, 0.2905
Android (android.graphics.Color)	4290483377 (0xFFBB94B1)
YUV	162.9670, 6.9183, 21.0769
Hunter-Lab	59.0922, 14.4540, -5.0688

Details

The RGB color **187, 148, 177** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **148, 187, 158**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **243, 202, 233**, and **133, 97, 124** is the 20% darker color. If you saturate the color by 10%, you get **187, 129, 172**, and if you desaturate by 10%, it is **187, 167, 182**.

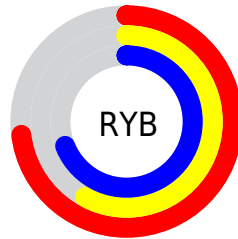
Distribution



Red (73%)

Green (58%)

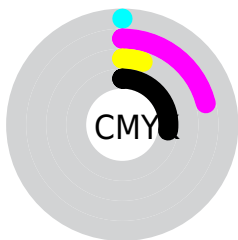
Blue (69%)



Red (73%)

Yellow (58%)

Blue (69%)

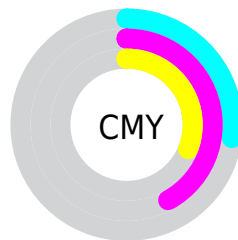


Cyan (0%)

Magenta (21%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RGB color 187, 148, 177 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, 148, 177 by changing the saturation by 10% instead.

 187, 148, 177

 187, 148, 177

255, 255, 255


 160, 122, 150

 243, 202, 233

 133, 97, 124

 255, 230, 255

 108, 73, 99


 83, 50, 76


 59, 28, 53


 37, 6, 32


 0, 0, 5


 0, 0, 0

 187, 148, 177

 187, 148, 177

 187, 129, 172

 187, 167, 182

 187, 111, 167

 187, 185, 187

 187, 92, 163

 187, 204, 191

 187, 73, 158

 187, 223, 196

 187, 55, 153

 187, 242, 201

 187, 36, 148

 187, 255, 206

 187, 17, 143

 187, 255, 211

 187, 0, 139

 187, 255, 215

 187, 255, 220

Harmonies

Analogous

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



166, 154, 192



187, 148, 177



198, 146, 158

Triad

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



187, 148, 177



172, 159, 121



104, 170, 181

Complementary

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



187, 148, 177



148, 187, 158

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.



110, 171, 162



187, 148, 177



150, 165, 127

Square

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



187, 148, 177



189, 153, 125



128, 169, 142



116, 166, 194

Rectangle

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



187, 148, 177



200, 146, 145



128, 169, 142



104, 170, 175

Sweetspot

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



187, 148, 177



242, 228, 239



158, 148, 187



122, 114, 120



250, 250, 250



122, 122, 122

Same Dimension

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



187, 148, 177



242, 182, 227



187, 148, 158



94, 85, 92



158, 0, 118



31, 0, 23

Inverse Universe

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



187, 148, 177



242, 182, 227



148, 187, 177



94, 85, 92



158, 0, 118



31, 0, 23

Previews

White Background



This preview shows how the RGB color 187, 148, 177 looks on a white background.

Color Contrast Check

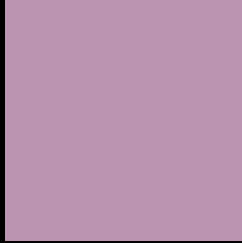
Large Text (above 18pt) WCAG AA × Fail

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, 148, 177 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, 148, 177 Background



This preview shows how black text looks on a background with the RGB color 187, 148, 177.



This preview shows how white text looks on a background with the RGB color 187, 148, 177.

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, 148, 177

Protanopia
155, 159, 184

Deuteranopia
168, 155, 176



Tritanopia
185, 151, 162

Trichromacy



Original Color
187, 148, 177

Protanomaly
167, 155, 181

Deuteranomaly
175, 152, 176

Tritanomaly
186, 150, 167

Monochromacy



Original Color
187, 148, 177

Achromatopsia
163, 163, 163

Achromatomaly
172, 158, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 148, 177 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, 148, 177)` looks like.

```
.text, #text, p{  
    color:rgb(187, 148, 177)  
}
```

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, 148, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 148, 177) }
```

Border

The CSS property to change the border of an element to RGB 187, 148, 177 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, 148, 177) }
```

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

```
.border{ border-color:rgb(187, 148, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 148, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 148, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 148, 177);  
box-shadow:4px 4px 4px 4px rgb(187, 148,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 187, 148, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 148, 177) }
```

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

```
.background{ background-color: rgb(187,  
148, 177) }
```

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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