

Converting Colors

RGB(187, 136, 183)

Have a look what the booklet for
RGB(187, 136, 183) contains.

RGB(187, 136, 183)	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, 136, 183)

Conversions

Conversions Part 1

Format	Color
Hex	BB88B7
RGB	187, 136, 183
RGB Percent	73%, 53%, 72%
CMY	0.2667, 0.4667, 0.2824
CMYK	0.00, 0.27, 0.02, 0.27
HSL	305°, 27%, 63%
HSV	305°, 27%, 73%
XYZ	37.8449, 31.5920, 48.9030
YIQ	156.6070, 15.3090, 25.4290

Conversions

Conversions Part 2

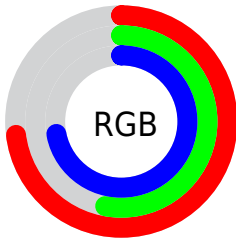
Format	Color
RYB	187, 136, 183
Decimal	12290231
CIELab	63.00, 27.31, -16.95
CIElCh	63, 32.138, 328.171
Yxy	31.5920, 0.3198, 0.2670
Android (android.graphics.Color)	4290480311 (0xFFBB88B7)
YUV	156.6070, 13.0117, 26.6547
Hunter-Lab	56.2068, 21.8251, -12.2408

Details

The RGB color **187, 136, 183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **136, 187, 140**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **244, 190, 239**, and **133, 85, 130** is the 20% darker color. If you saturate the color by 10%, you get **187, 117, 182**, and if you desaturate by 10%, it is **187, 155, 184**.

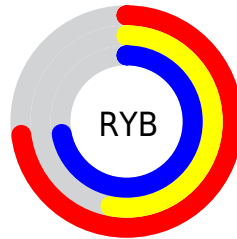
Distribution



Red (73%)

Green (53%)

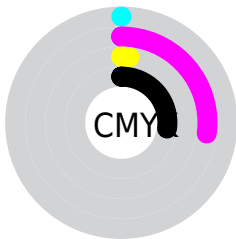
Blue (72%)



Red (73%)

Yellow (53%)

Blue (72%)

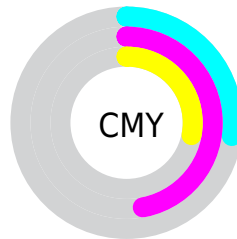


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (27%)



Cyan (27%)


Magenta (47%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the RGB color 187, 136, 183 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, 136, 183 by changing the saturation by 10% instead.

 187, 136, 183

255, 255, 255

 244, 190, 239

 255, 218, 255

 255, 246, 255

 187, 136, 183

 160, 110, 156

 133, 85, 130

 107, 61, 105

 82, 38, 81

 58, 16, 57


 37, 0, 36

 0, 0, 12

 0, 0, 0

 187, 136, 183

 187, 136, 183

 187, 117, 182

 187, 155, 184

 187, 99, 180

 187, 173, 186

 187, 80, 179

 187, 192, 187

 187, 61, 177

 187, 211, 189

 187, 43, 176

 187, 229, 190

 187, 24, 174

 187, 248, 192

 187, 5, 173

 187, 255, 193

 187, 0, 172

 187, 255, 195

 187, 255, 196

Harmonies

Analogous

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



154, 146, 203



187, 136, 183



206, 131, 155

Triad

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



187, 136, 183



173, 150, 95



47, 167, 178

Complementary

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



187, 136, 183



136, 187, 140

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.



75, 168, 150



187, 136, 183



144, 159, 101

Square

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



187, 136, 183



196, 140, 105



110, 165, 121



65, 163, 200

Rectangle

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



187, 136, 183



209, 131, 136



110, 165, 121



53, 168, 169

Sweetspot

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



187, 136, 183



242, 223, 241



139, 136, 187



122, 110, 121



250, 250, 250



122, 122, 122

Same Dimension

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



187, 136, 183



242, 162, 236



187, 136, 158



94, 85, 94



158, 0, 146



31, 0, 28

Inverse Universe

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



187, 136, 183



242, 162, 236



136, 187, 165



94, 85, 94



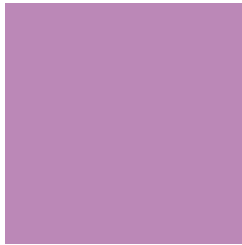
158, 0, 146



31, 0, 28

Previews

White Background



This preview shows how the RGB color 187, 136, 183 looks on a white background.

Color Contrast Check

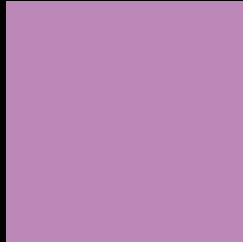
Large Text (above 18pt) WCAG AA × Fail

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, 136, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

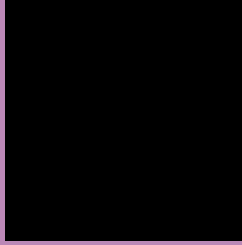
Any Text WCAG AA ✓ Pass

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, 136, 183 Background



This preview shows how black text looks on a background with the RGB color 187, 136, 183.



This preview shows how white text looks on a background with the RGB color 187, 136, 183.

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, 136, 183

Protanopia
142, 151, 194

Deuteranopia
154, 149, 181



Tritanopia
183, 142, 153

Trichromacy



Original Color
187, 136, 183

Protanomaly
158, 146, 190

Deuteranomaly
166, 144, 182

Tritanomaly
184, 140, 164

Monochromacy



Original Color
187, 136, 183

Achromatopsia
157, 157, 157

Achromatomaly
168, 149, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 136, 183 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, 136, 183)` looks like.

```
.text, #text, p{  
    color:rgb(187, 136, 183)  
}
```

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, 136, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 136, 183) }
```

Border

The CSS property to change the border of an element to RGB 187, 136, 183 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, 136, 183) }
```

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

```
.border{ border-color:rgb(187, 136, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 136, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 136, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 136, 183);  
box-shadow:4px 4px 4px 4px rgb(187, 136,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 187, 136, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 136, 183) }
```

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

```
.background{ background-color: rgb(187,  
136, 183) }
```

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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