

Converting Colors

RGB(187, 158, 172)

Have a look what the booklet for
RGB(187, 158, 172) contains.

RGB(187, 158, 172)	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, 158, 172)

Conversions

Conversions Part 1

Format	Color
Hex	BB9EAC
RGB	187, 158, 172
RGB Percent	73%, 62%, 67%
CMY	0.2667, 0.3804, 0.3255
CMYK	0.00, 0.16, 0.08, 0.27
HSL	331°, 18%, 68%
HSV	331°, 16%, 73%
XYZ	40.1668, 37.9971, 44.2469
YIQ	168.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

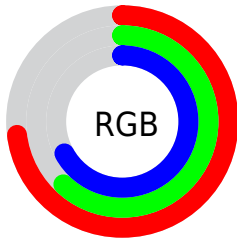
Format	Color
RYB	187, 158, 172
Decimal	12295852
CIELab	68.02, 13.07, -3.28
CIElCh	68, 13.471, 345.908
Yxy	37.9971, 0.3281, 0.3104
Android (android.graphics.Color)	4290485932 (0xFFBB9EAC)
YUV	168.2670, 1.8404, 16.4288
Hunter-Lab	61.6418, 8.4404, 0.5905

Details

The RGB color **187, 158, 172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158, 187, 173**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **243, 213, 227**, and **134, 107, 120** is the 20% darker color. If you saturate the color by 10%, you get **187, 139, 162**, and if you desaturate by 10%, it is **187, 177, 182**.

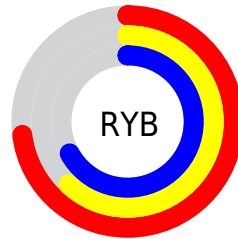
Distribution



Red (73%)

Green (62%)

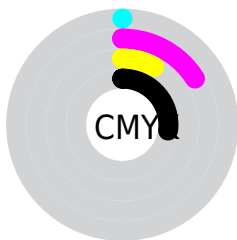
Blue (67%)



Red (73%)

Yellow (62%)

Blue (67%)

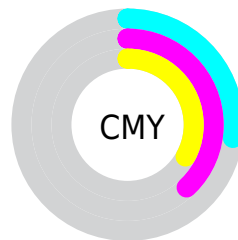


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (27%)



Cyan (27%)


Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RGB color 187, 158, 172 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, 158, 172 by changing the saturation by 10% instead.

 187, 158, 172

 187, 158, 172

255, 255, 255

 160, 132, 145

 243, 213, 227

 134, 107, 120

 255, 241, 255

 108, 82, 95

 84, 59, 71


 60, 37, 49

 38, 17, 28

 12, 0, 0

 0, 0, 0

 187, 158, 172

 187, 158, 172

187, 139, 162

187, 177, 182

187, 121, 153

187, 195, 191

187, 102, 143

187, 214, 201

187, 83, 133

187, 233, 211

187, 65, 124

187, 251, 220

187, 46, 114

187, 255, 230

187, 27, 104

187, 255, 240

187, 8, 95

187, 255, 249

187, 0, 90

187, 255, 255

Harmonies

Analogous

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



176, 161, 183



187, 158, 172



192, 158, 160

Triad

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



187, 158, 172



169, 167, 142



136, 172, 183

Complementary

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



187, 158, 172



158, 187, 173

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.



135, 173, 172



187, 158, 172



155, 170, 149

Square

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



187, 158, 172



181, 163, 142



142, 173, 159



146, 169, 189

Rectangle

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



187, 158, 172



191, 159, 152



142, 173, 159



135, 172, 180

Sweetspot

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



187, 158, 172



242, 230, 236



173, 158, 187



122, 115, 119



250, 250, 250



122, 122, 122

Same Dimension

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



187, 158, 172



242, 196, 218



187, 158, 158



94, 85, 89



158, 0, 76



31, 0, 15

Inverse Universe

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



187, 158, 172



242, 196, 218



158, 187, 187



94, 85, 89



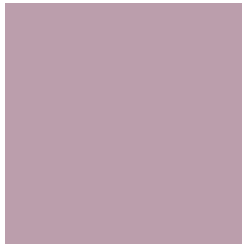
158, 0, 76



31, 0, 15

Previews

White Background



This preview shows how the RGB color 187, 158, 172 looks on a white background.

Color Contrast Check

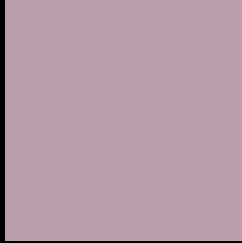
Large Text (above 18pt) WCAG AA × Fail

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, 158, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

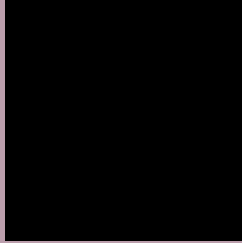
Any Text WCAG AA ✓ Pass

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, 158, 172 Background



This preview shows how black text looks on a background with the RGB color 187, 158, 172.



This preview shows how white text looks on a background with the RGB color 187, 158, 172.

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, 158, 172

Protanopia
166, 165, 176

Deuteranopia
179, 161, 171



Tritanopia
187, 158, 171

Trichromacy



Original Color
187, 158, 172

Protanomaly
174, 162, 175

Deuteranomaly
182, 160, 171

Tritanomaly
187, 158, 171

Monochromacy



Original Color
187, 158, 172

Achromatopsia
168, 168, 168

Achromatomaly
175, 164, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 158, 172 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, 158, 172) looks like.

```
.text, #text, p{  
    color:rgb(187, 158, 172)  
}
```

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, 158, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 158, 172) }
```

Border

The CSS property to change the border of an element to RGB 187, 158, 172 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, 158, 172) }
```

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

```
.border{ border-color:rgb(187, 158, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 158, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 158, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 158, 172);  
box-shadow:4px 4px 4px 4px rgb(187, 158,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 187, 158, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 158, 172) }
```

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

```
.background{ background-color: rgb(187,  
158, 172) }
```

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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