

Converting Colors

RGB(158, 137, 168)

Have a look what the booklet for
RGB(158, 137, 168) contains.

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Color

RGB(158, 137, 168)

Conversions

Conversions Part 1

Format	Color
Hex	9E89A8
RGB	158, 137, 168
RGB Percent	62%, 54%, 66%
CMY	0.3804, 0.4627, 0.3412
CMYK	0.06, 0.18, 0.00, 0.34
HSL	281°, 15%, 60%
HSV	281°, 18%, 66%
XYZ	30.1141, 27.9876, 40.8607
YIQ	146.8130, 2.5650, 14.0930

Conversions

Conversions Part 2

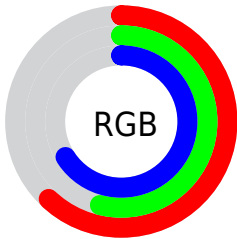
Format	Color
RYB	158, 137, 168
Decimal	10389928
CIELab	59.88, 13.81, -13.44
CIELCh	60, 19.265, 315.775
Yxy	27.9876, 0.3043, 0.2828
Android (android.graphics.Color)	4288580008 (0xFF9E89A8)
YUV	146.8130, 10.4452, 9.8110
Hunter-Lab	52.9033, 9.0267, -8.7613

Details

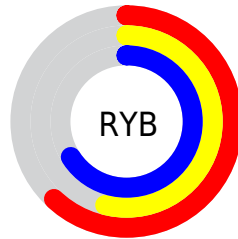
The RGB color **158, 137, 168** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **147, 168, 137**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **213, 190, 223**, and **106, 87, 116** is the 20% darker color. If you saturate the color by 10%, you get **153, 120, 168**, and if you desaturate by 10%, it is **163, 154, 168**.

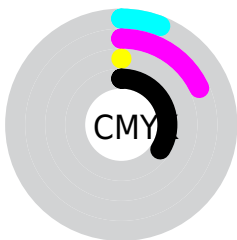
Distribution



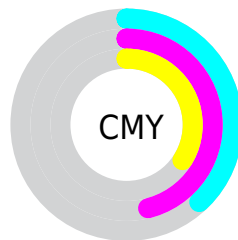
- Red (62%)
- Green (54%)
- Blue (66%)



- Red (62%)
- Yellow (54%)
- Blue (66%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (46%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the RGB color 158, 137, 168 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 158, 137, 168 by changing the saturation by 10% instead.

 158, 137, 168


255, 255, 255

 213, 190, 223

 241, 218, 252

 255, 247, 255

 158, 137, 168


 132, 112, 142

 106, 87, 116

 82, 64, 91

 59, 42, 68


 37, 21, 45

 18, 0, 25


 0, 0, 0

 158, 137, 168

 153, 120, 168


 158, 137, 168

 163, 154, 168

 147, 103, 168


 169, 171, 168

 142, 87, 168


 174, 187, 168

 136, 70, 168


 180, 204, 168

 131, 53, 168


 185, 221, 168

 125, 36, 168


 191, 238, 168

 120, 19, 168

 196, 255, 168

 115, 3, 168

 201, 255, 168

 114, 0, 168

 207, 255, 168

Harmonies

Analogous

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



136, 143, 177



158, 137, 168



173, 133, 153

Triad

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



158, 137, 168



165, 140, 112



98, 154, 153

Complementary

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



158, 137, 168



147, 168, 137

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, 153, 135



158, 137, 168



148, 146, 112

Square

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



158, 137, 168



176, 135, 121



128, 151, 120



99, 152, 168

Rectangle

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



158, 137, 168



178, 132, 142



128, 151, 120



101, 154, 147

Sweetspot

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



158, 137, 168



215, 206, 219



137, 147, 168



107, 102, 110



237, 237, 237



110, 110, 110

Same Dimension

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



158, 137, 168



204, 171, 219



168, 137, 163



81, 76, 84



100, 0, 148



14, 0, 20

Inverse Universe

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



168, 137, 147



219, 171, 187



137, 168, 142



84, 76, 78



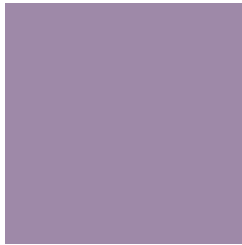
148, 0, 48



20, 0, 7

Previews

White Background



This preview shows how the RGB color 158, 137, 168 looks on a white background.

Color Contrast Check

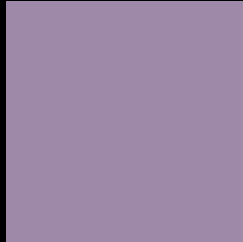
Large Text (above 18pt) WCAG AA ✓ Pass

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 158, 137, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

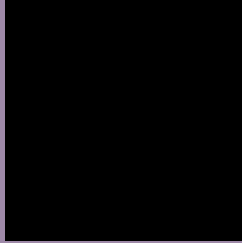
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 158, 137, 168 Background



This preview shows how black text looks on a background with the RGB color 158, 137, 168.



This preview shows how white text looks on a background with the RGB color 158, 137, 168.

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


158, 137, 168

Protanopia

138, 143, 172

Deuteranopia

147, 141, 167



Tritanopia
155, 140, 151

Trichromacy



Original Color

158, 137, 168

Protanomaly

145, 141, 171

Deuteranomaly

151, 140, 167

Tritanomaly

156, 139, 157

Monochromacy



Original Color

158, 137, 168

Achromatopsia

147, 147, 147

Achromatomaly

151, 143, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 137, 168 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(158, 137, 168) looks like.

```
.text, #text, p{  
    color:rgb(158, 137, 168)  
}
```

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(158, 137, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 137, 168) }
```

Border

The CSS property to change the border of an element to RGB 158, 137, 168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

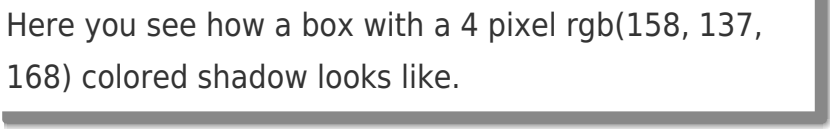
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 137, 168) }
```

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

```
.border{ border-color:rgb(158, 137, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 137, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 137, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 137, 168); box-shadow:4px 4px 4px 4px rgb(158, 137, 168) }
```

Background

The CSS property to change the background color of an element to RGB 158, 137, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 137, 168) }
```

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

```
.background{ background-color: rgb(158,  
137, 168) }
```

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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