

Converting Colors

RGB(158, 112, 166)

Have a look what the booklet for
RGB(158, 112, 166) contains.

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Color

RGB(158, 112, 166)

Conversions

Conversions Part 1

Format	Color
Hex	9E70A6
RGB	158, 112, 166
RGB Percent	62%, 44%, 65%
CMY	0.3804, 0.5608, 0.3490
CMYK	0.05, 0.33, 0.00, 0.35
HSL	291°, 23%, 55%
HSV	291°, 33%, 65%
XYZ	26.7777, 21.6106, 38.8363
YIQ	131.9100, 10.0820, 26.5460

Conversions

Conversions Part 2

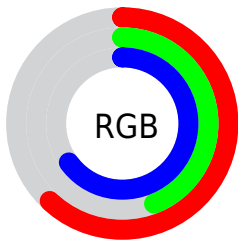
Format	Color
R_{YB}	158, 112, 166
Decimal	10383526
CIE _{Lab}	53.61, 27.73, -21.82
CIE _{LCh}	54, 35.284, 321.805
Yxy	21.6106, 0.3070, 0.2478
Android (android.graphics.Color)	4288573606 (0xFF9E70A6)
YUV	131.9100, 16.8064, 22.8809
Hunter-Lab	46.4872, 21.4673, -16.9910

Details

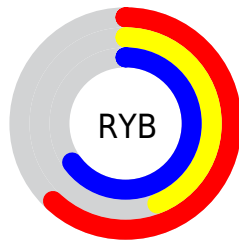
The RGB color **158, 112, 166** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120, 166, 112**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **213, 164, 221**, and **106, 63, 114** is the 20% darker color. If you saturate the color by 10%, you get **156, 95, 166**, and if you desaturate by 10%, it is **160, 129, 166**.

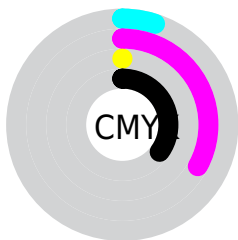
Distribution



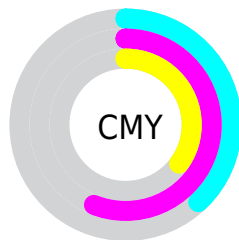
- Red (62%)
- Green (44%)
- Blue (65%)



- Red (62%)
- Yellow (44%)
- Blue (65%)



- Cyan (5%)
- Magenta (33%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 112, 166 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, 112, 166 by changing the saturation by 10% instead.

 158, 112, 166


255, 255, 255


 213, 164, 221

 242, 192, 250


 255, 220, 255

 255, 248, 255

 158, 112, 166

 131, 87, 140

 106, 63, 114

 81, 40, 89

 57, 17, 66

 35, 0, 43


 0, 1, 22

 0, 0, 0

 158, 112, 166

 156, 95, 166

 158, 112, 166

 160, 129, 166

153, 79, 166

163, 145, 166

151, 62, 166

165, 162, 166

148, 46, 166

168, 178, 166

146, 29, 166

170, 195, 166

143, 12, 166

173, 212, 166

141, 0, 166

175, 228, 166

178, 245, 166

180, 255, 166

Harmonies

Analogous

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



118, 123, 184



158, 112, 166



181, 104, 138

Triad

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



158, 112, 166



155, 123, 67



0, 144, 150

Complementary

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



158, 112, 166



120, 166, 112

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.



43, 143, 118



158, 112, 166



125, 133, 70

Square

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



158, 112, 166



176, 113, 81



90, 140, 89



0, 141, 175

Rectangle

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



158, 112, 166



186, 104, 117



90, 140, 89



0, 144, 139

Sweetspot

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



158, 112, 166



214, 195, 217



112, 120, 166



108, 96, 110



237, 237, 237



110, 110, 110

Same Dimension

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



158, 112, 166



204, 132, 217



166, 112, 147



83, 76, 84



126, 0, 148



17, 0, 20

Inverse Universe

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



166, 112, 120



217, 132, 145



112, 166, 131



84, 76, 77



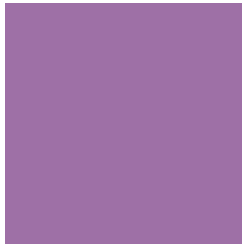
148, 0, 22



20, 0, 3

Previews

White Background



This preview shows how the RGB color 158, 112, 166 looks on a white background.

Color Contrast Check

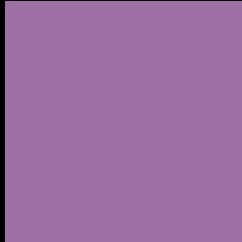
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

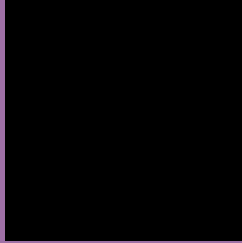
Any Text WCAG AA ✓ Pass

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, 112, 166 Background



This preview shows how black text looks on a background with the RGB color 158, 112, 166.



This preview shows how white text looks on a background with the RGB color 158, 112, 166.

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, 112, 166

Protanopia
113, 127, 177

Deuteranopia
123, 126, 163



Tritanopia
153, 119, 129

Trichromacy



Original Color

158, 112, 166

Protanomaly

129, 122, 173

Deuteranomaly

136, 121, 164

Tritanomaly

155, 116, 142

Monochromacy



Original Color

158, 112, 166

Achromatopsia

132, 132, 132

Achromatomaly

141, 125, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 112, 166 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, 112, 166) looks like.

```
.text, #text, p{  
    color:rgb(158, 112, 166)  
}
```

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, 112, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 112, 166) }
```

Border

The CSS property to change the border of an element to RGB 158, 112, 166 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, 112, 166) }
```

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

```
.border{ border-color:rgb(158, 112, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 112, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 112, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 112, 166);  
box-shadow:4px 4px 4px 4px rgb(158, 112,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 158, 112, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 112, 166) }
```

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

```
.background{ background-color: rgb(158,  
112, 166) }
```

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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