

Converting Colors

RGB(158, 122, 177)

Have a look what the booklet for
RGB(158, 122, 177) contains.

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Color

RGB(158, 122, 177)

Conversions

Conversions Part 1

Format	Color
Hex	9E7AB1
RGB	158, 122, 177
RGB Percent	62%, 48%, 69%
CMY	0.3804, 0.5216, 0.3059
CMYK	0.11, 0.31, 0.00, 0.31
HSL	279°, 26%, 59%
HSV	279°, 31%, 69%
XYZ	28.9959, 24.3625, 44.7692
YIQ	139.0340, 3.8010, 24.7370

Conversions

Conversions Part 2

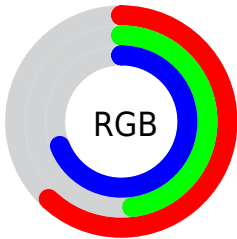
Format	Color
RYB	158, 122, 177
Decimal	10386097
CIELab	56.45, 24.31, -23.81
CIElCh	56, 34.027, 315.599
Yxy	24.3625, 0.2955, 0.2483
Android (android.graphics.Color)	4288576177 (0xFF9E7AB1)
YUV	139.0340, 18.7172, 16.6332
Hunter-Lab	49.3584, 18.4838, -19.2265

Details

The RGB color **158, 122, 177** is a light color, and the websafe version is hex **996699**. A complement of this color would be **141, 177, 122**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **213, 175, 233**, and **106, 73, 124** is the 20% darker color. If you saturate the color by 10%, you get **152, 104, 177**, and if you desaturate by 10%, it is **164, 140, 177**.

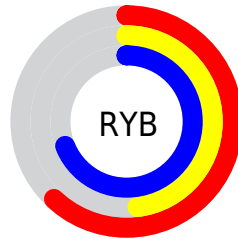
Distribution



Red (62%)

Green (48%)

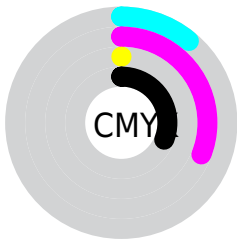
Blue (69%)



Red (62%)

Yellow (48%)

Blue (69%)

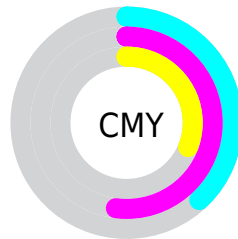


Cyan (11%)

Magenta (31%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (52%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 122, 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 158, 122, 177 by changing the saturation by 10% instead.

■ 158, 122, 177

255, 255, 255

■ 213, 175, 233

■ 242, 202, 255

■ 255, 231, 255

■ 158, 122, 177

■ 131, 97, 150

■ 106, 73, 124

■ 81, 50, 99

■ 57, 28, 75

■ 34, 6, 52

■ 3, 0, 31


■ 0, 0, 1


■ 0, 0, 0


■ 158, 122, 177


■ 158, 122, 177

 152, 104, 177

 164, 140, 177


 146, 87, 177

 170, 157, 177

 140, 69, 177


 176, 175, 177

 134, 51, 177


 182, 193, 177

 127, 34, 177

 189, 211, 177

 121, 16, 177

 195, 228, 177

 116, 0, 177

 201, 246, 177

 207, 255, 177

 213, 255, 177

Harmonies

Analogous

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



117, 133, 192



158, 122, 177



184, 114, 151

Triad

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



158, 122, 177



167, 129, 78



0, 151, 150

Complementary

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



158, 122, 177



141, 177, 122

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.



67, 150, 120



158, 122, 177



139, 139, 77

Square

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



158, 122, 177



186, 119, 94



106, 146, 93



0, 149, 177

Rectangle

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



158, 122, 177



192, 112, 131



106, 146, 93



32, 151, 140

Sweetspot

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



158, 122, 177



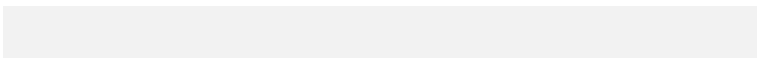
222, 209, 230



122, 141, 177



110, 102, 115



242, 242, 242



115, 115, 115

Same Dimension

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



158, 122, 177



200, 145, 230



177, 122, 169



86, 80, 89



100, 0, 153



17, 0, 26

Inverse Universe

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



177, 122, 141



230, 145, 174



122, 177, 130



89, 80, 83



153, 0, 53



26, 0, 9

Previews

White Background



This preview shows how the RGB color 158, 122, 177 looks on a white background.

Color Contrast Check

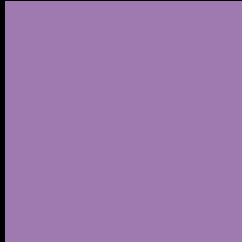
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

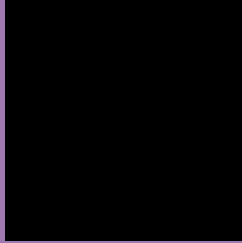
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 158, 122, 177 Background



This preview shows how black text looks on a background with the RGB color 158, 122, 177.



This preview shows how white text looks on a background with the RGB color 158, 122, 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
158, 122, 177

Protanopia
120, 134, 186

Deuteranopia
128, 133, 175



Tritanopia
152, 129, 139

Trichromacy



Original Color
158, 122, 177

Protanomaly
134, 130, 183

Deuteranomaly
139, 129, 176

Tritanomaly
154, 126, 153

Monochromacy



Original Color
158, 122, 177

Achromatopsia
139, 139, 139

Achromatomaly
146, 133, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 122, 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(158, 122, 177) looks like.

```
.text, #text, p{  
    color:rgb(158, 122, 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(158, 122, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 122, 177) }
```

Border

The CSS property to change the border of an element to RGB 158, 122, 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(158, 122, 177) }
```

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

```
.border{ border-color:rgb(158, 122, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 122, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 122, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 122, 177);  
box-shadow:4px 4px 4px 4px rgb(158, 122,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 158, 122, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 122, 177) }
```

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

```
.background{ background-color: rgb(158,  
122, 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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