

# Converting Colors

RGB(158, 128, 171)

Have a look what the booklet for  
RGB(158, 128, 171) contains.

<b>RGB(158, 128, 171)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(158, 128, 171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E80AB
RGB	158, 128, 171
RGB Percent	62%, 50%, 67%
CMY	0.3804, 0.4980, 0.3294
CMYK	0.08, 0.25, 0.00, 0.33
HSL	282°, 20%, 59%
HSV	282°, 25%, 67%
XYZ	29.1704, 25.6477, 41.9411
YIQ	141.8720, 4.0770, 19.7330

# Conversions

## Conversions Part 2

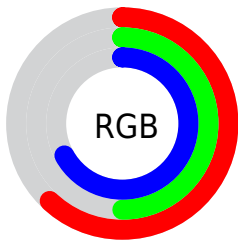
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 128, 171
Decimal	10387627
CIELab	57.70, 19.59, -18.45
CIELCh	58, 26.908, 316.714
Yxy	25.6477, 0.3015, 0.2651
Android (android.graphics.Color)	4288577707 (0xFF9E80AB)
YUV	141.8720, 14.3601, 14.1443
Hunter-Lab	50.6436, 14.1887, -13.6513

# Details

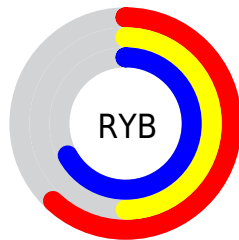
The RGB color **158, 128, 171** is a light color, and the websafe version is hex **996699**. A complement of this color would be **141, 171, 128**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **213, 181, 226**, and **106, 79, 119** is the 20% darker color. If you saturate the color by 10%, you get **153, 111, 171**, and if you desaturate by 10%, it is **163, 145, 171**.

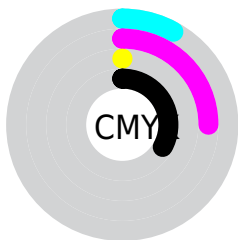
# Distribution



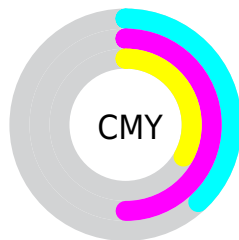
- Red (62%)
- Green (50%)
- Blue (67%)



- Red (62%)
- Yellow (50%)
- Blue (67%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (50%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 158, 128, 171 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, 128, 171 by changing the saturation by 10% instead.




 158, 128, 171


255, 255, 255

 213, 181, 226

 241, 209, 255

 255, 237, 255

 158, 128, 171

 132, 103, 144

 106, 79, 119

 82, 55, 94

 58, 33, 70


 35, 13, 48

 9, 0, 27


 0, 0, 0

 158, 128, 171


 153, 111, 171


 158, 128, 171

 163, 145, 171

 148, 94, 171

 168, 162, 171

 142, 77, 171

 174, 179, 171

 137, 60, 171

 179, 196, 171

 132, 43, 171

 184, 213, 171

 127, 25, 171

 189, 231, 171

 122, 8, 171

 194, 248, 171

 119, 0, 171

 199, 255, 171

 205, 255, 171

# Harmonies

## Analogous

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



127, 136, 183



158, 128, 171



178, 122, 150

# Triad

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



158, 128, 171



164, 134, 93



65, 151, 151

# Complementary

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



158, 128, 171



141, 171, 128

# 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.



87, 151, 127



158, 128, 171



142, 141, 93

# Square

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



158, 128, 171



180, 126, 105



115, 147, 106



64, 149, 172

# Rectangle

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



158, 128, 171



185, 121, 134



115, 147, 106



71, 152, 143



# Sweetspot

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



158, 128, 171



216, 204, 222



128, 142, 171



109, 101, 112



240, 240, 240



112, 112, 112



# Same Dimension

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



158, 128, 171



202, 155, 222



171, 128, 163



84, 78, 87



105, 0, 150



16, 0, 23



# Inverse Universe

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



171, 128, 141



222, 155, 175



128, 171, 136



87, 78, 81



150, 0, 45

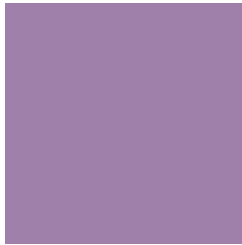


23, 0, 7



# Previews

## White Background



This preview shows how the RGB color 158, 128, 171 looks on a white background.

## Color Contrast Check

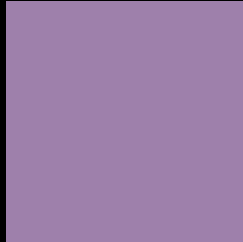
Large Text (above 18pt) WCAG AA ✓ Pass

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, 128, 171 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

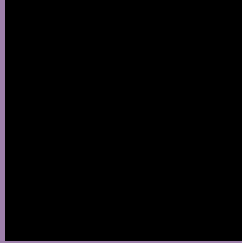
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 158, 128, 171 Background



This preview shows how black text looks on a background with the RGB color 158, 128, 171.

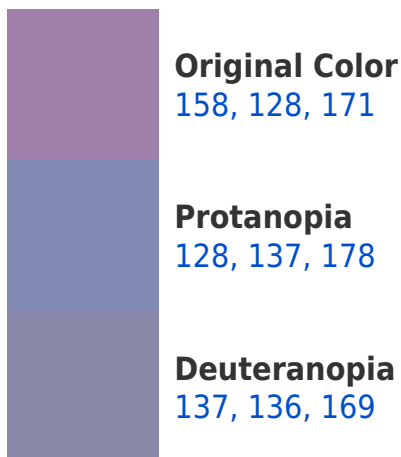



This preview shows how white text looks on a background with the RGB color 158, 128, 171.

# 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





# Tritanopia

154, 133, 144

# Trichromacy



**Original Color**  
158, 128, 171

**Protanomaly**  
139, 134, 175

**Deuteranomaly**  
145, 133, 170

**Tritanomaly**  
155, 131, 154

# Monochromacy



**Original Color**  
158, 128, 171

**Achromatopsia**  
142, 142, 142

**Achromatomaly**  
148, 137, 153

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 158, 128, 171 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, 128, 171) looks like.

```
.text, #text, p{  
    color:rgb(158, 128, 171)  
}
```

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, 128, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 128, 171) }
```

## Border

The CSS property to change the border of an element to RGB 158, 128, 171 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, 128, 171) }
```

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

```
.border{ border-color:rgb(158, 128, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 128, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 128, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 128, 171);  
box-shadow:4px 4px 4px 4px rgb(158, 128,  
171) }
```

# Background

The CSS property to change the background color of an element to RGB 158, 128, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 128, 171) }
```

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

```
.background{ background-color: rgb(158,  
128, 171) }
```

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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