

# Converting Colors

RGB(158, 149, 164)

Have a look what the booklet for  
RGB(158, 149, 164) contains.

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# **Color**

**RGB(158, 149, 164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E95A4
RGB	158, 149, 164
RGB Percent	62%, 58%, 64%
CMY	0.3804, 0.4157, 0.3569
CMYK	0.04, 0.09, 0.00, 0.36
HSL	276°, 8%, 61%
HSV	276°, 9%, 64%
XYZ	31.5488, 31.4443, 39.5285
YIQ	153.4010, 0.5490, 6.5730

# Conversions

## Conversions Part 2

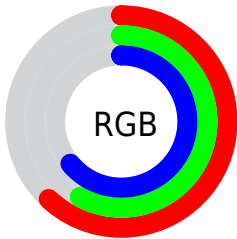
Format	Color
<a href="#">RYB</a>	<a href="#">158, 149, 164</a>
Decimal	<a href="#">10392996</a>
CIELab	<a href="#">62.88, 6.19, -6.67</a>
CIELCh	<a href="#">63, 9.101, 312.845</a>
Yxy	<a href="#">31.4443, 0.3077, 0.3067</a>
Android (android.graphics.Color)	<a href="#">4288583076</a> ( <a href="#">0xFF9E95A4</a> )
YUV	<a href="#">153.4010, 5.2253, 4.0333</a>
Hunter-Lab	<a href="#">56.0752, 2.2953, -2.5420</a>

# Details

The RGB color **158, 149, 164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 164, 149**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **213, 203, 219**, and **107, 98, 112** is the 20% darker color. If you saturate the color by 10%, you get **151, 133, 164**, and if you desaturate by 10%, it is **165, 165, 164**.

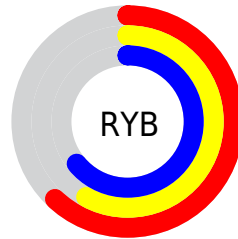
# Distribution



Red (62%)

Green (58%)

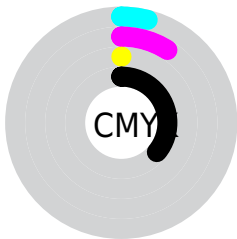
Blue (64%)



Red (62%)

Yellow (58%)

Blue (64%)

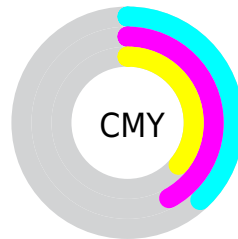


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (42%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 158, 149, 164 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, 149, 164 by changing the saturation by 10% instead.




 158, 149, 164

255, 255, 255

 213, 203, 219

 241, 231, 247

 158, 149, 164

 132, 123, 138

 107, 98, 112

 82, 75, 88

 59, 52, 65


 38, 31, 43

 17, 6, 22

 0, 0, 0


 158, 149, 164

 151, 133, 164

 158, 149, 164

 165, 165, 164

 145, 116, 164

 171, 182, 164

 138, 100, 164

 178, 198, 164

 132, 83, 164

 184, 215, 164

 125, 67, 164


 191, 231, 164

 119, 51, 164

 197, 247, 164

 112, 34, 164

 204, 255, 164

 106, 18, 164

 210, 255, 164

 99, 1, 164

 217, 255, 164

# Harmonies

## Analogous

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



148, 152, 168



158, 149, 164



166, 147, 157

# Triad

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



158, 149, 164



163, 150, 137



133, 157, 155

# Complementary

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



158, 149, 164



155, 164, 149

# 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.



137, 157, 147



158, 149, 164



155, 153, 136

# Square

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



158, 149, 164



169, 148, 141



146, 155, 140



133, 156, 163

# Rectangle

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



158, 149, 164



169, 147, 152



146, 155, 140



134, 157, 153



# Sweetspot

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



158, 149, 164



212, 208, 214



149, 155, 164



105, 103, 107



235, 235, 235



107, 107, 107



# Same Dimension

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



158, 149, 164



205, 191, 214



164, 149, 163



78, 73, 82



87, 0, 145



11, 0, 18



# Inverse Universe

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



164, 149, 155



214, 191, 200



149, 164, 150



82, 73, 77



145, 0, 58



18, 0, 7



# Previews

## White Background



This preview shows how the RGB color 158, 149, 164 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 158, 149, 164 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

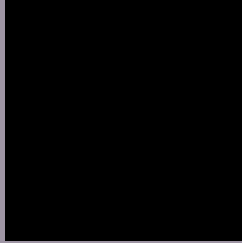
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 158, 149, 164 Background



This preview shows how black text looks on a background with the RGB color 158, 149, 164.



This preview shows how white text looks on a background with the RGB color 158, 149, 164.

# 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, 149, 164

### Protanopia

151, 151, 165

### Deuteranopia

161, 148, 164



**Tritanopia**  
158, 149, 161

# Trichromacy



**Original Color**

158, 149, 164

**Protanomaly**

154, 150, 165

**Deuteranomaly**

160, 148, 164

**Tritanomaly**

158, 149, 162

# Monochromacy



**Original Color**

158, 149, 164

**Achromatopsia**

153, 153, 153

**Achromatomaly**

155, 152, 157

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 158, 149, 164 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, 149, 164) looks like.

```
.text, #text, p{  
    color:rgb(158, 149, 164)  
}
```

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, 149, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 149, 164) }
```

## Border

The CSS property to change the border of an element to RGB 158, 149, 164 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, 149, 164) }
```

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

```
.border{ border-color:rgb(158, 149, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 149, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 149, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 149, 164);  
box-shadow:4px 4px 4px 4px rgb(158, 149,  
164) }
```

# Background

The CSS property to change the background color of an element to RGB 158, 149, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 149, 164) }
```

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

```
.background{ background-color: rgb(158,  
149, 164) }
```

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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