

Converting Colors

RGB(149, 146, 147)

Have a look what the booklet for
RGB(149, 146, 147) contains.

RGB(149, 146, 147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(149, 146, 147)

Conversions

Conversions Part 1

Format	Color
Hex	959293
RGB	149, 146, 147
RGB Percent	58%, 57%, 58%
CMY	0.4157, 0.4275, 0.4235
CMYK	0.00, 0.02, 0.01, 0.42
HSL	340°, 1%, 58%
HSV	340°, 2%, 58%
XYZ	27.9398, 29.0539, 31.7391
YIQ	147.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

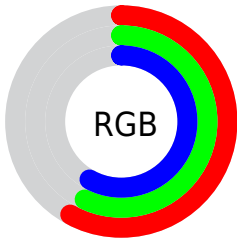
Format	Color
R _Y B	149, 146, 147
Decimal	9802387
CIE Lab	60.83, 1.29, -0.15
CIE LCh	61, 1.302, 353.582
Yxy	29.0539, 0.3149, 0.3274
Android (android.graphics.Color)	4287992467 (0xFF959293)
YUV	147.0110, -0.0054, 1.7444
Hunter-Lab	53.9017, -1.8030, 2.8192

Details

The RGB color **149, 146, 147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **146, 149, 148**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **203, 200, 201**, and **98, 96, 97** is the 20% darker color. If you saturate the color by 10%, you get **149, 131, 137**, and if you desaturate by 10%, it is **149, 161, 157**.

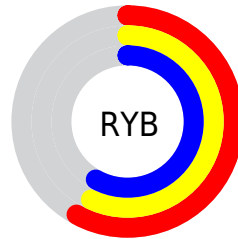
Distribution



Red (58%)

Green (57%)

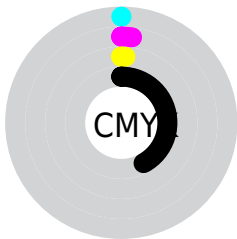
Blue (58%)



Red (58%)

Yellow (57%)

Blue (58%)

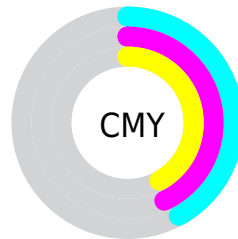


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (42%)



Cyan (42%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 146, 147 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 149, 146, 147 by changing the saturation by 10% instead.

■ 149, 146, 147

255, 255, 255

■ 203, 200, 201

■ 231, 228, 229

■ 149, 146, 147

■ 123, 120, 121

■ 98, 96, 97

■ 75, 72, 73

■ 52, 49, 50

■ 31, 29, 29

■ 6, 2, 3

■ 0, 0, 0

■ 149, 146, 147


■ 149, 131, 137


■ 149, 146, 147

■ 149, 161, 157

 149, 116, 127

 149, 176, 167

 149, 101, 117

 149, 191, 177

 149, 86, 107

 149, 206, 187

 149, 71, 97

 149, 221, 197

 149, 57, 87

 149, 235, 207

 149, 42, 77

 149, 250, 217

 149, 27, 68

 149, 255, 226

 149, 12, 58

 149, 255, 236

Harmonies

Analogous

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



148, 146, 148



149, 146, 147



149, 146, 146

Triad

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



149, 146, 147



147, 147, 145



144, 147, 149

Complementary

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



149, 146, 147



146, 149, 148

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.



144, 147, 148



149, 146, 147



145, 147, 145

Square

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



149, 146, 147



148, 147, 144



144, 147, 146



145, 147, 149

Rectangle

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



149, 146, 147



149, 146, 145



144, 147, 146



144, 147, 148

Sweetspot

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



149, 146, 147



194, 192, 193



148, 146, 149



97, 96, 96



224, 224, 224



97, 97, 97

Same Dimension

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



149, 146, 147



194, 190, 191



149, 147, 146



74, 72, 73



138, 0, 46



10, 0, 3

Inverse Universe

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



149, 146, 147



194, 190, 191



146, 149, 149



74, 72, 73



138, 0, 46



10, 0, 3

Previews

White Background



This preview shows how the RGB color 149, 146, 147 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 149, 146, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

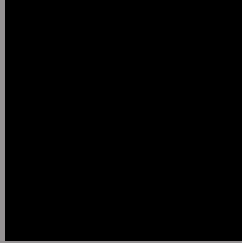
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

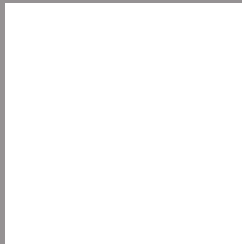
Any Text WCAG AAA × Fail

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

RGB 149, 146, 147 Background



This preview shows how black text looks on a background with the RGB color 149, 146, 147.



This preview shows how white text looks on a background with the RGB color 149, 146, 147.

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


149, 146, 147

Protanopia

149, 146, 147

Deuteranopia

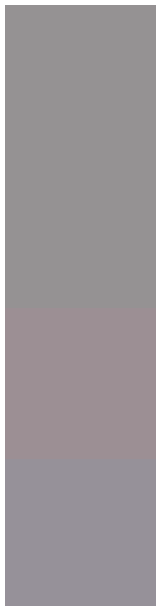
160, 142, 148



Tritanopia

150, 145, 156

Trichromacy



Original Color

149, 146, 147

Protanomaly

149, 146, 147

Deuteranomaly

156, 143, 148

Tritanomaly

150, 145, 153

Monochromacy



Original Color

149, 146, 147

Achromatopsia

147, 147, 147

Achromatomaly

148, 147, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 146, 147 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(149, 146, 147) looks like.

```
.text, #text, p{  
    color:rgb(149, 146, 147)  
}
```

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(149, 146, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 146, 147) }
```

Border

The CSS property to change the border of an element to RGB 149, 146, 147 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(149, 146, 147) }
```

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

```
.border{ border-color:rgb(149, 146, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 146, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 146, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 146, 147);  
box-shadow:4px 4px 4px 4px rgb(149, 146,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 149, 146, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 146, 147) }
```

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

```
.background{ background-color: rgb(149,  
146, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor