

# Converting Colors

RGB(147, 141, 150)

Have a look what the booklet for  
RGB(147, 141, 150) contains.

<b>RGB(147, 141, 150)</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(147, 141, 150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	938D96
RGB	147, 141, 150
RGB Percent	58%, 55%, 59%
CMY	0.4235, 0.4471, 0.4118
CMYK	0.02, 0.06, 0.00, 0.41
HSL	280°, 4%, 57%
HSV	280°, 6%, 59%
XYZ	27.0625, 27.4548, 32.7271
YIQ	143.8200, 0.6870, 4.0710

# Conversions

## Conversions Part 2

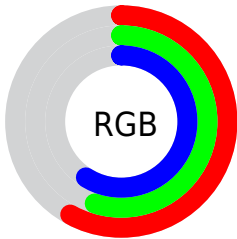
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	147, 141, 150
Decimal	9670038
CIE Lab	59.39, 3.97, -3.98
CIE LCh	59, 5.623, 314.885
Yxy	27.4548, 0.3102, 0.3147
Android (android.graphics.Color)	4287860118 (0xFF938D96)
YUV	143.8200, 3.0467, 2.7889
Hunter-Lab	52.3973, 0.4975, -0.3541

# Details

The RGB color `147, 141, 150` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `144, 150, 141`, and the grayscale version is `144, 144, 144`.

A 20% lighter version of the original color is `201, 195, 204`, and `96, 91, 99` is the 20% darker color. If you saturate the color by 10%, you get `142, 126, 150`, and if you desaturate by 10%, it is `152, 156, 150`.

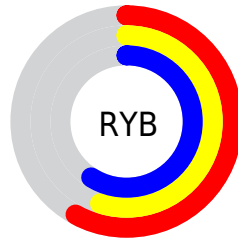
# Distribution



Red (58%)

Green (55%)

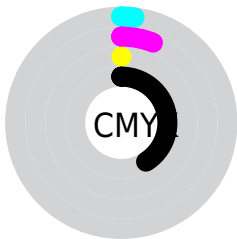
Blue (59%)



Red (58%)

Yellow (55%)

Blue (59%)

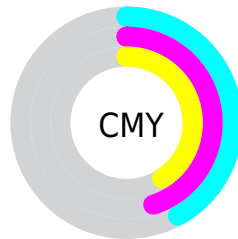


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (41%)



Cyan (42%)

Magenta (45%)


Yellow (41%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 147, 141, 150 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 147, 141, 150 by changing the saturation by 10% instead.



 147, 141, 150


255, 255, 255

 201, 195, 204

 229, 222, 232

 255, 251, 255

 147, 141, 150

 121, 115, 124

 96, 91, 99

 73, 67, 75


 50, 45, 53


 29, 25, 32


 0, 0, 7

 0, 0, 0

 147, 141, 150

 142, 126, 150

 147, 141, 150

 152, 156, 150

■ 137, 111, 150

■ 157, 171, 150

■ 132, 96, 150

■ 162, 186, 150

■ 127, 81, 150

■ 167, 201, 150

■ 122, 66, 150

■ 172, 216, 150

■ 117, 51, 150

■ 177, 231, 150

■ 112, 36, 150

■ 182, 246, 150

■ 107, 21, 150

■ 187, 255, 150

■ 102, 6, 150

■ 192, 255, 150

# Harmonies

## Analogous

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



141, 143, 152



147, 141, 150



152, 140, 146

# Triad

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



147, 141, 150



150, 142, 134



131, 146, 145

# Complementary

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



147, 141, 150



144, 150, 141

# 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.



134, 146, 140



147, 141, 150



145, 143, 133

# Square

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



147, 141, 150



153, 140, 136



139, 145, 136



132, 145, 150

# Rectangle

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



147, 141, 150



153, 140, 142



139, 145, 136



132, 146, 144



# Sweetspot

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



147, 141, 150



193, 190, 194



141, 144, 150



96, 95, 97



224, 224, 224



97, 97, 97



# Same Dimension

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



147, 141, 150



189, 180, 194



150, 141, 149



72, 68, 74



92, 0, 138



7, 0, 10



# Inverse Universe

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



150, 141, 144



194, 180, 185



141, 150, 142



74, 68, 70



138, 0, 46



10, 0, 3



# Previews

## White Background



This preview shows how the RGB color 147, 141, 150 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 147, 141, 150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

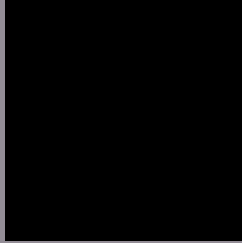
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

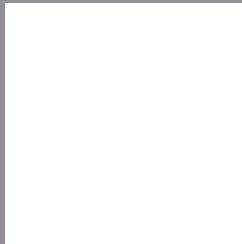
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 147, 141, 150 Background



This preview shows how black text looks on a background with the RGB color 147, 141, 150.



This preview shows how white text looks on a background with the RGB color 147, 141, 150.

# 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


147, 141, 150

### Protanopia

143, 142, 151

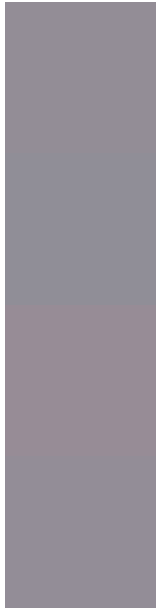
### Deuteranopia

153, 139, 150



**Tritanopia**  
147, 141, 152

# Trichromacy



## Original Color

147, 141, 150

## Protanomaly

144, 142, 151

## Deuteranomaly

151, 140, 150

## Tritanomaly

147, 141, 151

# Monochromacy



## Original Color

147, 141, 150

## Achromatopsia

144, 144, 144

## Achromatomaly

145, 143, 146

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 147, 141, 150 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(147, 141, 150) looks like.

```
.text, #text, p{  
    color:rgb(147, 141, 150)  
}
```

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(147, 141, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 141, 150) }
```

## Border

The CSS property to change the border of an element to RGB 147, 141, 150 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(147, 141, 150) }
```

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

```
.border{ border-color:rgb(147, 141, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 141, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 141, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 141, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 141,  
150) }
```

# Background

The CSS property to change the background color of an element to RGB 147, 141, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 141, 150) }
```

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

```
.background{ background-color: rgb(147,  
141, 150) }
```

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