

# Converting Colors

RGB(131, 145, 152)

Have a look what the booklet for  
RGB(131, 145, 152) contains.

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# Color

**RGB(131, 145, 152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	839198
RGB	131, 145, 152
RGB Percent	51%, 57%, 60%
CMY	0.4863, 0.4314, 0.4039
CMYK	0.14, 0.05, 0.00, 0.40
HSL	200°, 9%, 55%
HSV	200°, 14%, 60%
XYZ	25.1530, 27.3431, 33.6578
YIQ	141.6120, -10.5910, -0.7910

# Conversions

## Conversions Part 2

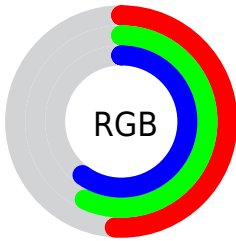
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 139, 152
Decimal	8622488
CIE <sub>Lab</sub>	59.29, -3.52, -5.42
CIE <sub>LCh</sub>	59, 6.460, 237.013
Yxy	27.3431, 0.2920, 0.3174
Android (android.graphics.Color)	4286812568 (0xFF839198)
YUV	141.6120, 5.1213, -9.3067
Hunter-Lab	52.2906, -5.6461, -1.5596

# Details

The RGB color `131, 145, 152` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `152, 138, 131`, and the grayscale version is `142, 142, 142`.

A 20% lighter version of the original color is `184, 199, 206`, and `81, 95, 101` is the 20% darker color. If you saturate the color by 10%, you get `116, 140, 152`, and if you desaturate by 10%, it is `146, 150, 152`.

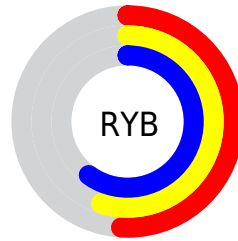
# Distribution



Red (51%)

Green (57%)

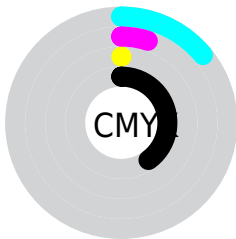
Blue (60%)



Red (51%)

Yellow (55%)

Blue (60%)

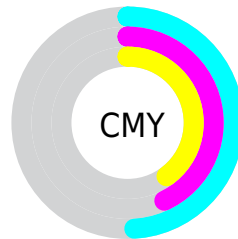


Cyan (14%)

Magenta (5%)

Yellow (0%)

Black (40%)



Cyan (49%)

Magenta (43%)


Yellow (40%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 131, 145, 152 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 131, 145, 152 by changing the saturation by 10% instead.




 131, 145, 152


255, 255, 255


 184, 199, 206

 212, 227, 234

 240, 255, 255

 131, 145, 152

 106, 119, 126

 81, 95, 101

 58, 71, 77

 36, 49, 54


 16, 28, 33

 0, 0, 10

 0, 0, 0

 131, 145, 152

 116, 140, 152

 131, 145, 152

 146, 150, 152

■ 101, 135, 152

■ 161, 155, 152

■ 85, 130, 152

■ 177, 160, 152

■ 70, 125, 152

■ 192, 165, 152

■ 55, 120, 152

■ 207, 170, 152

■ 40, 115, 152

■ 222, 175, 152

■ 25, 110, 152

■ 237, 180, 152

■ 9, 104, 152

■ 253, 186, 152

■ 0, 101, 152

■ 255, 191, 152

# Harmonies

## Analogous

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



129, 146, 148



131, 145, 152



136, 143, 154

# Triad

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



131, 145, 152



154, 139, 143



142, 144, 133

# Complementary

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



131, 145, 152



152, 138, 131

# 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.



148, 142, 131



131, 145, 152



155, 139, 138

# Square

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



131, 145, 152



150, 140, 149



153, 140, 133



135, 145, 136

# Rectangle

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



131, 145, 152



141, 142, 153



153, 140, 133



144, 143, 132



# Sweetspot

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



131, 145, 152



188, 194, 196



131, 152, 138



94, 98, 99



227, 227, 227



99, 99, 99



# Same Dimension

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



131, 145, 152



163, 185, 196



131, 135, 152



69, 74, 77



0, 94, 140



0, 8, 13



# Inverse Universe

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



152, 131, 145



196, 163, 185



152, 149, 131



77, 69, 74



140, 0, 93



13, 0, 8



# Previews

## White Background



This preview shows how the RGB color 131, 145, 152 looks on a white background.

## Color Contrast Check

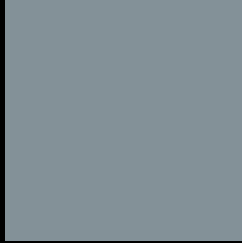
Large Text (above 18pt) WCAG AA ✓ Pass

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 131, 145, 152 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

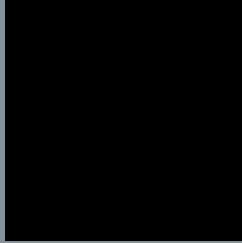
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

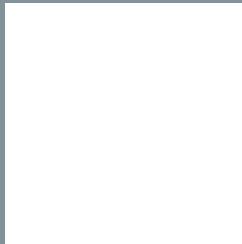
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 131, 145, 152 Background



This preview shows how black text looks on a background with the RGB color 131, 145, 152.



This preview shows how white text looks on a background with the RGB color 131, 145, 152.

# 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

131, 145, 152

### Protanopia

143, 142, 150

### Deuteranopia

151, 138, 153



# Tritanopia

132, 144, 156

# Trichromacy



**Original Color**

131, 145, 152

**Protanomaly**

139, 143, 151

**Deuteranomaly**

144, 141, 153

**Tritanomaly**

132, 144, 155

# Monochromacy



**Original Color**

131, 145, 152

**Achromatopsia**

142, 142, 142

**Achromatomaly**

138, 143, 146

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 131, 145, 152 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(131, 145, 152)` looks like.

```
.text, #text, p{  
    color:rgb(131, 145, 152)  
}
```

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(131, 145, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 145, 152) }
```

## Border

The CSS property to change the border of an element to RGB 131, 145, 152 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(131, 145, 152) }
```

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

```
.border{ border-color:rgb(131, 145, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 145, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 145, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 145, 152);  
box-shadow:4px 4px 4px 4px rgb(131, 145,  
152) }
```

# Background

The CSS property to change the background color of an element to RGB 131, 145, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 145, 152) }
```

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

```
.background{ background-color: rgb(131,  
145, 152) }
```

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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