

# Converting Colors

RGB(109, 150, 155)

Have a look what the booklet for  
RGB(109, 150, 155) contains.

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# Color

**RGB(109, 150, 155)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D969B
RGB	109, 150, 155
RGB Percent	43%, 59%, 61%
CMY	0.5725, 0.4118, 0.3922
CMYK	0.30, 0.03, 0.00, 0.39
HSL	187°, 19%, 52%
HSV	187°, 30%, 61%
XYZ	23.1294, 27.4305, 35.0859
YIQ	138.3110, -26.0410, -7.1370

# Conversions

## Conversions Part 2

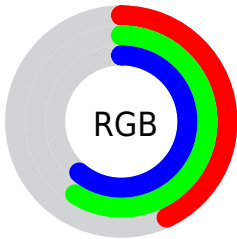
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 131, 155
Decimal	7181979
CIE Lab	59.37, -12.71, -7.17
CIE LCh	59, 14.593, 209.411
Yxy	27.4305, 0.2701, 0.3203
Android (android.graphics.Color)	4285372059 (0xFF6D969B)
YUV	138.3110, 8.2277, -25.7057
Hunter-Lab	52.3741, -12.8256, -3.0571

# Details

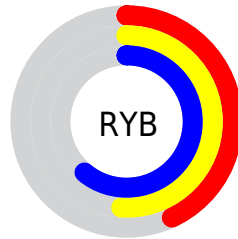
The RGB color `109, 150, 155` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `155, 114, 109`, and the grayscale version is `138, 138, 138`.

A 20% lighter version of the original color is `162, 204, 209`, and `59, 99, 104` is the 20% darker color. If you saturate the color by 10%, you get `94, 148, 155`, and if you desaturate by 10%, it is `124, 152, 155`.

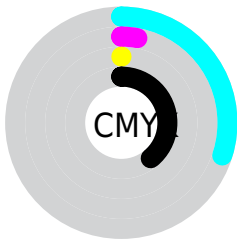
# Distribution



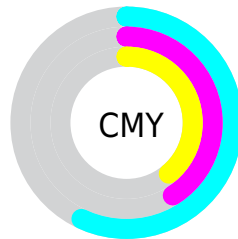
- Red (43%)
- Green (59%)
- Blue (61%)



- Red (43%)
- Yellow (51%)
- Blue (61%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (57%)
- Magenta (41%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 109, 150, 155 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 109, 150, 155 by changing the saturation by 10% instead.



 109, 150, 155

255, 255, 255


 162, 204, 209


 189, 232, 238


 218, 255, 255

 246, 255, 255

 109, 150, 155

 94, 148, 155


 109, 150, 155

 84, 124, 129

 59, 99, 104


 35, 75, 80


 7, 52, 57

 0, 31, 36

 0, 1, 14

 0, 0, 0

 109, 150, 155

 124, 152, 155

78, 147, 155

140, 153, 155

63, 145, 155

155, 155, 155

47, 143, 155

171, 157, 155

32, 142, 155

186, 158, 155

16, 140, 155

202, 160, 155

1, 138, 155

218, 162, 155

0, 138, 155

233, 163, 155

249, 165, 155

# Harmonies

## Analogous

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



113, 150, 142



109, 150, 155



115, 148, 165

# Triad

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



109, 150, 155



160, 136, 156



153, 142, 117

# Complementary

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



109, 150, 155



155, 114, 109

# 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.



164, 138, 121



109, 150, 155



168, 134, 144

# Square

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



109, 150, 155



145, 140, 165



170, 135, 131



139, 146, 120

# Rectangle

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



109, 150, 155



123, 145, 168



170, 135, 131



157, 141, 118



# Sweetspot

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



109, 150, 155



183, 199, 201



109, 155, 114



91, 101, 102



230, 230, 230



102, 102, 102



# Same Dimension

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



109, 150, 155



129, 194, 201



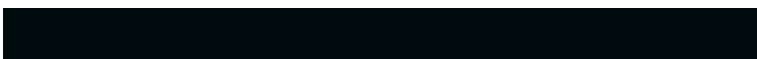
109, 127, 155



69, 76, 77



0, 125, 140



0, 11, 13



# Inverse Universe

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



155, 109, 150



201, 129, 194



155, 137, 109



77, 69, 76



140, 0, 125



13, 0, 11



# Previews

## White Background



This preview shows how the RGB color 109, 150, 155 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 109, 150, 155 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

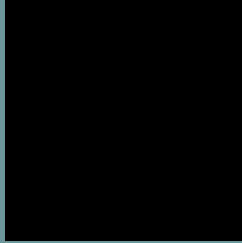
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 109, 150, 155 Background



This preview shows how black text looks on a background with the RGB color 109, 150, 155.

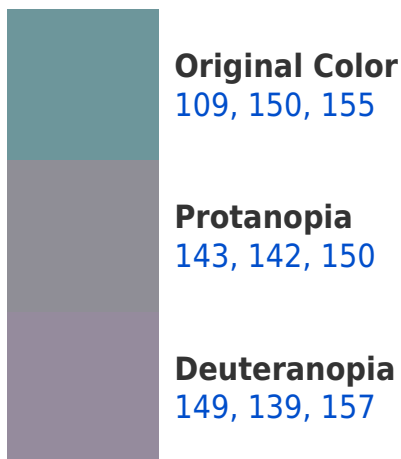


This preview shows how white text looks on a background with the RGB color 109, 150, 155.

# 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**  
110, 149, 161

# Trichromacy



**Original Color**

109, 150, 155

**Protanomaly**

131, 145, 152

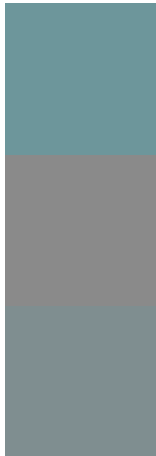
**Deuteranomaly**

134, 143, 156

**Tritanomaly**

110, 149, 159

# Monochromacy



**Original Color**

109, 150, 155

**Achromatopsia**

138, 138, 138

**Achromatomaly**

127, 142, 144

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 109, 150, 155 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(109, 150, 155)` looks like.

```
.text, #text, p{  
    color:rgb(109, 150, 155)  
}
```

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(109, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 150, 155) }
```

## Border

The CSS property to change the border of an element to RGB 109, 150, 155 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(109, 150, 155) }
```

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

```
.border{ border-color:rgb(109, 150, 155) }
```

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

Here you see how a box with a 4 pixel rgb(109, 150, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(109, 150,  
155) }
```

# Background

The CSS property to change the background color of an element to RGB 109, 150, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 150, 155) }
```

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

```
.background{ background-color: rgb(109,  
150, 155) }
```

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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