

Converting Colors

RGB(109, 145, 155)

Have a look what the booklet for
RGB(109, 145, 155) contains.

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Color

RGB(109, 145, 155)

Conversions

Conversions Part 1

Format	Color
Hex	6D919B
RGB	109, 145, 155
RGB Percent	43%, 57%, 61%
CMY	0.5725, 0.4314, 0.3922
CMYK	0.30, 0.06, 0.00, 0.39
HSL	193°, 19%, 52%
HSV	193°, 30%, 61%
XYZ	22.3485, 25.8686, 34.8256
YIQ	135.3760, -24.6660, -4.5220

Conversions

Conversions Part 2

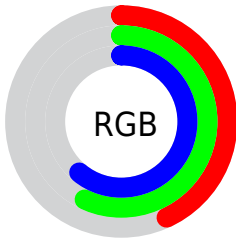
Format	Color
R_{YB}	109, 129, 155
Decimal	7180699
CIE _{Lab}	57.91, -9.98, -9.34
CIE _{LCh}	58, 13.669, 223.109
Yxy	25.8686, 0.2691, 0.3115
Android (android.graphics.Color)	4285370779 (0xFF6D919B)
YUV	135.3760, 9.6746, -23.1318
Hunter-Lab	50.8611, -10.5738, -4.9942

Details

The RGB color `109, 145, 155` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `155, 119, 109`, and the grayscale version is `135, 135, 135`.

A 20% lighter version of the original color is `162, 199, 209`, and `59, 95, 104` is the 20% darker color. If you saturate the color by 10%, you get `94, 142, 155`, and if you desaturate by 10%, it is `124, 148, 155`.

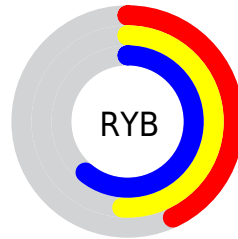
Distribution



Red (43%)

Green (57%)

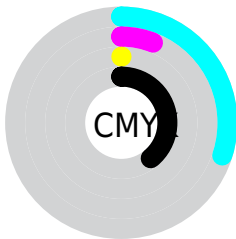
Blue (61%)



Red (43%)

Yellow (51%)

Blue (61%)

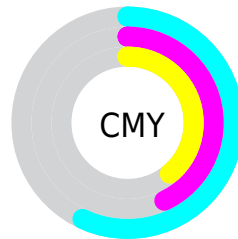


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (43%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 145, 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, 145, 155 by changing the saturation by 10% instead.

 109, 145, 155


255, 255, 255


 162, 199, 209

 189, 227, 238

 217, 255, 255

 246, 255, 255

 109, 145, 155

 84, 119, 129

 59, 95, 104

 35, 71, 80


 9, 48, 57

 0, 28, 35


 0, 1, 14

 0, 0, 0

 109, 145, 155

 94, 142, 155

 109, 145, 155

 124, 148, 155

78, 138, 155

140, 152, 155

63, 135, 155

155, 155, 155

47, 132, 155

171, 158, 155

32, 128, 155

186, 162, 155

16, 125, 155

202, 165, 155

1, 121, 155

218, 169, 155

0, 121, 155

233, 172, 155

249, 175, 155

Harmonies

Analogous

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



109, 146, 144



109, 145, 155



118, 142, 162

Triad

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



109, 145, 155



159, 132, 146



143, 140, 116

Complementary

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



109, 145, 155



155, 119, 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.



155, 136, 117



109, 145, 155



164, 131, 134

Square

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



109, 145, 155



148, 134, 157



163, 133, 123



129, 143, 121

Rectangle

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



109, 145, 155



128, 140, 163



163, 133, 123



147, 139, 115

Sweetspot

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



109, 145, 155



183, 198, 201



109, 155, 119



91, 100, 102



230, 230, 230



102, 102, 102

Same Dimension

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



109, 145, 155



129, 186, 201



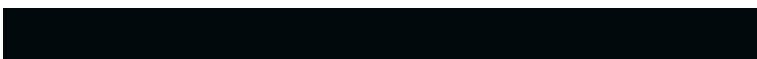
109, 122, 155



69, 75, 77



0, 110, 140



0, 10, 13

Inverse Universe

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



155, 109, 145



201, 129, 186



155, 142, 109



77, 69, 75



140, 0, 110



13, 0, 10

Previews

White Background



This preview shows how the RGB color 109, 145, 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, 145, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

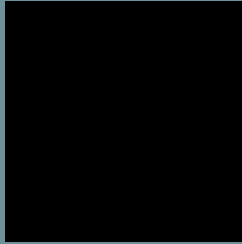
Any Text WCAG AA ✓ Pass

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, 145, 155 Background



This preview shows how black text looks on a background with the RGB color 109, 145, 155.



This preview shows how white text looks on a background with the RGB color 109, 145, 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



Original Color
[109, 145, 155](#)

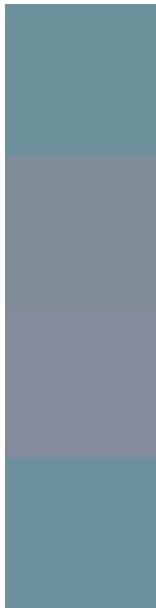
Protanopia
[138, 138, 151](#)

Deuteranopia
[144, 135, 157](#)



Tritanopia
109, 145, 156

Trichromacy



Original Color

109, 145, 155

Protanomaly

127, 141, 152

Deuteranomaly

131, 139, 156

Tritanomaly

109, 145, 156

Monochromacy



Original Color

109, 145, 155

Achromatopsia

135, 135, 135

Achromatomaly

126, 139, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 145, 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, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 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, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 155) }
```

Border

The CSS property to change the border of an element to RGB 109, 145, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

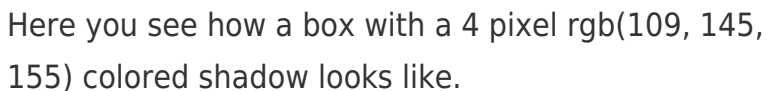
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 145, 155) }
```

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

```
.border{ border-color:rgb(109, 145, 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, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 109, 145, 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, 145, 155) }
```

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

```
.background{ background-color: rgb(109,  
145, 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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