

Converting Colors

RGB(103, 148, 155)

Have a look what the booklet for
RGB(103, 148, 155) contains.

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Color

RGB(103, 148, 155)

Conversions

Conversions Part 1

Format	Color
Hex	67949B
RGB	103, 148, 155
RGB Percent	40%, 58%, 61%
CMY	0.5961, 0.4196, 0.3922
CMYK	0.34, 0.05, 0.00, 0.39
HSL	188°, 21%, 51%
HSV	188°, 34%, 61%
XYZ	22.0998, 26.4299, 34.9470
YIQ	135.3430, -29.0670, -7.3630

Conversions

Conversions Part 2

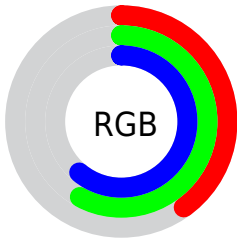
Format	Color
RYB	103, 127, 155
Decimal	6788251
CIELab	58.44, -13.42, -8.58
CIELCh	58, 15.928, 212.615
Yxy	26.4299, 0.2647, 0.3166
Android (android.graphics.Color)	4284978331 (0xFF67949B)
YUV	135.3430, 9.6909, -28.3648
Hunter-Lab	51.4100, -13.2352, -4.3166

Details

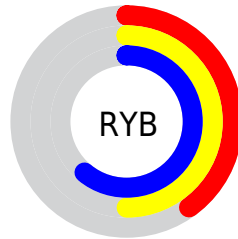
The RGB color `103, 148, 155` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `155, 110, 103`, and the grayscale version is `135, 135, 135`.

A 20% lighter version of the original color is `156, 202, 209`, and `53, 97, 104` is the 20% darker color. If you saturate the color by 10%, you get `88, 146, 155`, and if you desaturate by 10%, it is `119, 150, 155`.

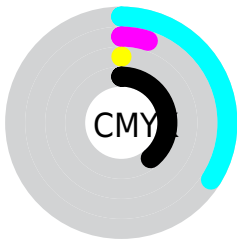
Distribution



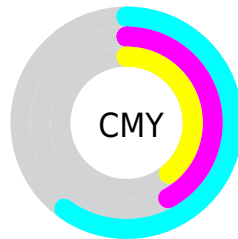
- Red (40%)
- Green (58%)
- Blue (61%)



- Red (40%)
- Yellow (50%)
- Blue (61%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (60%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 148, 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 103, 148, 155 by changing the saturation by 10% instead.

 103, 148, 155


255, 255, 255


 156, 202, 209

 183, 230, 238

 211, 255, 255

 240, 255, 255

 103, 148, 155

 78, 122, 129

 53, 97, 104

 27, 73, 80


 0, 51, 57


 0, 30, 35


 0, 1, 14

 0, 0, 0

 103, 148, 155

 88, 146, 155

 103, 148, 155

 119, 150, 155

■ 72, 144, 155

■ 134, 152, 155

■ 57, 142, 155

■ 150, 154, 155

■ 41, 140, 155

■ 165, 156, 155

■ 26, 138, 155

■ 180, 158, 155

■ 10, 135, 155

■ 196, 161, 155

■ 0, 134, 155

■ 212, 163, 155

■ 227, 165, 155

■ 242, 167, 155

Harmonies

Analogous

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



107, 149, 141



103, 148, 155



110, 145, 165

Triad

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



103, 148, 155



160, 133, 154



150, 140, 113

Complementary

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



103, 148, 155



155, 110, 103

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.



162, 135, 116



103, 148, 155



168, 131, 140

Square

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



103, 148, 155



145, 137, 164



169, 132, 126



135, 144, 117

Rectangle

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



103, 148, 155



120, 143, 168



169, 132, 126



155, 138, 113

Sweetspot

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



103, 148, 155



181, 199, 201



103, 155, 110



90, 100, 102



230, 230, 230



102, 102, 102

Same Dimension

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



103, 148, 155



121, 191, 201



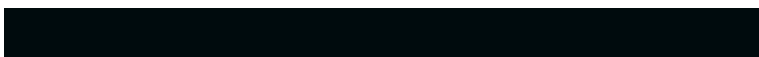
103, 122, 155



69, 75, 77



0, 121, 140



0, 11, 13

Inverse Universe

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



155, 103, 148



201, 121, 191



155, 136, 103



77, 69, 75



140, 0, 121



13, 0, 11

Previews

White Background



This preview shows how the RGB color 103, 148, 155 looks on a white background.

Color Contrast Check

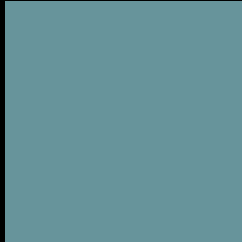
Large Text (above 18pt) WCAG AA ✓ Pass

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 103, 148, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

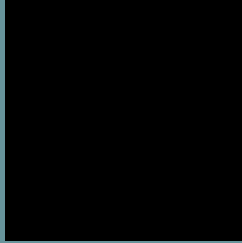
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

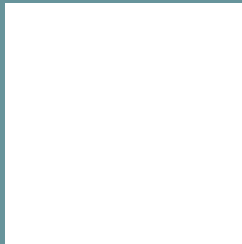
Any Text WCAG AAA × Fail

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

RGB 103, 148, 155 Background



This preview shows how black text looks on a background with the RGB color 103, 148, 155.

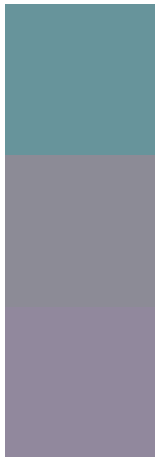


This preview shows how white text looks on a background with the RGB color 103, 148, 155.

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
103, 148, 155

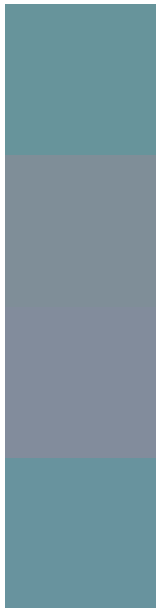
Protanopia
140, 139, 150

Deuteranopia
145, 136, 157



Tritanopia
104, 147, 159

Trichromacy



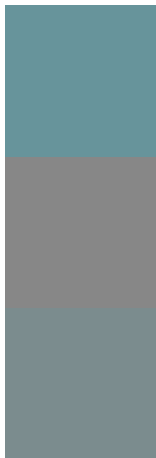
Original Color
103, 148, 155

Protanomaly
127, 142, 152

Deuteranomaly
130, 140, 156

Tritanomaly
104, 147, 158

Monochromacy



Original Color
103, 148, 155

Achromatopsia
135, 135, 135

Achromatomaly
123, 140, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 148, 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(103, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(103, 148, 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(103, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 148, 155) }
```

Border

The CSS property to change the border of an element to RGB 103, 148, 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(103, 148, 155) }
```

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

```
.border{ border-color:rgb(103, 148, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 148, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(103, 148,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 103, 148, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 148, 155) }
```

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

```
.background{ background-color: rgb(103,  
148, 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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