

Converting Colors

RGB(104, 158, 145)

Have a look what the booklet for
RGB(104, 158, 145) contains.

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Color

RGB(104, 158, 145)

Conversions

Conversions Part 1

Format	Color
Hex	689E91
RGB	104, 158, 145
RGB Percent	41%, 62%, 57%
CMY	0.5922, 0.3804, 0.4314
CMYK	0.34, 0.00, 0.08, 0.38
HSL	166°, 22%, 51%
HSV	166°, 34%, 62%
XYZ	23.0466, 29.4411, 31.2561
YIQ	140.3720, -28.0110, -15.4910

Conversions

Conversions Part 2

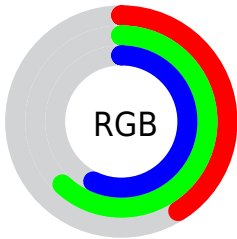
Format	Color
RYB	104, 135, 158
Decimal	6856337
CIELab	61.17, -20.84, 1.12
CIElCh	61, 20.867, 176.933
Yxy	29.4411, 0.2752, 0.3516
Android (android.graphics.Color)	4285046417 (0xFF689E91)
YUV	140.3720, 2.2816, -31.8982
Hunter-Lab	54.2597, -19.1371, 3.8280

Details

The RGB color **104, 158, 145** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **158, 104, 117**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **157, 213, 199**, and **53, 106, 95** is the 20% darker color. If you saturate the color by 10%, you get **88, 158, 141**, and if you desaturate by 10%, it is **120, 158, 149**.

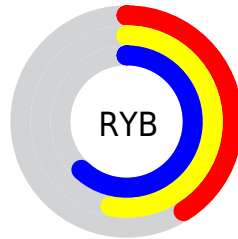
Distribution



Red (41%)

Green (62%)

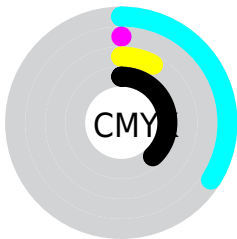
Blue (57%)



Red (41%)

Yellow (53%)

Blue (62%)

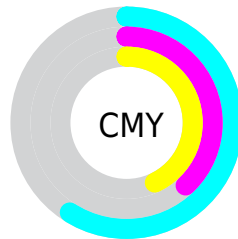


Cyan (34%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 158, 145 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 104, 158, 145 by changing the saturation by 10% instead.

 104, 158, 145


255, 255, 255


 157, 213, 199

 184, 241, 227

 213, 255, 255

 241, 255, 255

 104, 158, 145

 78, 132, 119

 53, 106, 95


 28, 82, 71


 0, 59, 49


 0, 37, 28


 0, 8, 1

 0, 0, 0

 104, 158, 145

 88, 158, 141

 104, 158, 145

 120, 158, 149

■ 72, 158, 137

■ 136, 158, 153

■ 57, 158, 134

■ 151, 158, 156

■ 41, 158, 130

■ 167, 158, 160

■ 25, 158, 126

■ 183, 158, 164

■ 9, 158, 122

■ 199, 158, 168

■ 0, 158, 120

■ 215, 158, 172

■ 230, 158, 175

■ 246, 158, 179

Harmonies

Analogous

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



123, 156, 127



104, 158, 145



95, 158, 164

Triad

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



104, 158, 145



148, 144, 180



178, 140, 117

Complementary

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



104, 158, 145



158, 104, 117

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.



185, 135, 132



104, 158, 145



170, 138, 168

Square

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



104, 158, 145



123, 150, 184



183, 135, 150



163, 146, 111

Rectangle

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



104, 158, 145



98, 156, 174



183, 135, 150



181, 138, 121

Sweetspot

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



104, 158, 145



186, 207, 202



118, 158, 104



92, 105, 102



232, 232, 232



105, 105, 105

Same Dimension

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



104, 158, 145



122, 207, 186



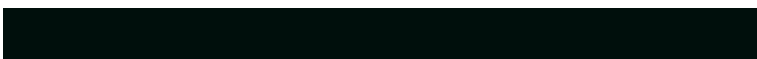
104, 145, 158



71, 79, 77



0, 143, 108



0, 15, 12

Inverse Universe

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



158, 104, 117



207, 122, 142



158, 118, 104



79, 71, 73



143, 0, 34



15, 0, 4

Previews

White Background



This preview shows how the RGB color 104, 158, 145 looks on a white background.

Color Contrast Check

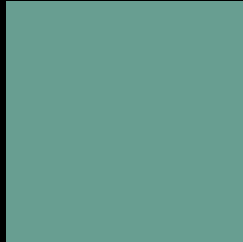
Large Text (above 18pt) WCAG AA ✓ Pass

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 104, 158, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

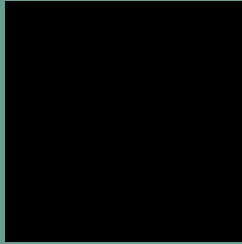
Any Text WCAG AA ✓ Pass

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 104, 158, 145 Background



This preview shows how black text looks on a background with the RGB color 104, 158, 145.

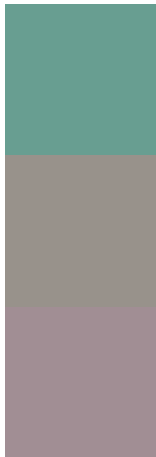


This preview shows how white text looks on a background with the RGB color 104, 158, 145.

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
104, 158, 145

Protanopia
152, 146, 139

Deuteranopia
161, 142, 148



Tritanopia
109, 155, 167

Trichromacy



Original Color

104, 158, 145

Protanomaly

135, 150, 141

Deuteranomaly

140, 148, 147

Tritanomaly

107, 156, 159

Monochromacy



Original Color

104, 158, 145

Achromatopsia

140, 140, 140

Achromatomaly

127, 147, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 158, 145 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(104, 158, 145)` looks like.

```
.text, #text, p{  
    color:rgb(104, 158, 145)  
}
```

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(104, 158, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 158, 145) }
```

Border

The CSS property to change the border of an element to RGB 104, 158, 145 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(104, 158, 145) }
```

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

```
.border{ border-color:rgb(104, 158, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 158, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(104, 158,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 104, 158, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 158, 145) }
```

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

```
.background{ background-color: rgb(104,  
158, 145) }
```

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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