

Converting Colors

RGB(123, 165, 155)

Have a look what the booklet for
RGB(123, 165, 155) contains.

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Color

RGB(123, 165, 155)

Conversions

Conversions Part 1

Format	Color
Hex	7BA59B
RGB	123, 165, 155
RGB Percent	48%, 65%, 61%
CMY	0.5176, 0.3529, 0.3922
CMYK	0.25, 0.00, 0.06, 0.35
HSL	166°, 19%, 56%
HSV	166°, 25%, 65%
XYZ	27.5399, 33.4878, 36.0226
YIQ	151.3020, -21.8220, -12.0140

Conversions

Conversions Part 2

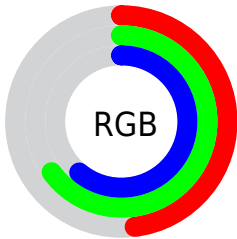
Format	Color
RYB	123, 147, 165
Decimal	8103323
CIELab	64.55, -16.35, 0.56
CIELCh	65, 16.365, 178.036
Yxy	33.4878, 0.2838, 0.3451
Android (android.graphics.Color)	4286293403 (0xFF7BA59B)
YUV	151.3020, 1.8231, -24.8209
Hunter-Lab	57.8686, -16.3212, 3.6006

Details

The RGB color **123, 165, 155** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **165, 123, 133**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **176, 220, 209**, and **73, 113, 104** is the 20% darker color. If you saturate the color by 10%, you get **106, 165, 151**, and if you desaturate by 10%, it is **139, 165, 159**.

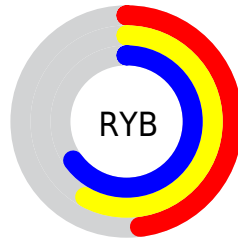
Distribution



Red (48%)

Green (65%)

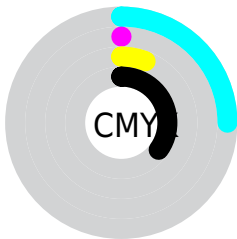
Blue (61%)



Red (48%)

Yellow (58%)

Blue (65%)

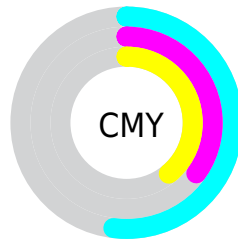


Cyan (25%)

Magenta (0%)

Yellow (6%)

Black (35%)



Cyan (52%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 165, 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 123, 165, 155 by changing the saturation by 10% instead.


 123, 165, 155


255, 255, 255


 176, 220, 209

 204, 249, 238

 233, 255, 255

 123, 165, 155

 97, 139, 129

 73, 113, 104

 49, 88, 80

 25, 65, 57

 0, 43, 36


 0, 24, 14

 0, 0, 0

 123, 165, 155

 106, 165, 151

 123, 165, 155

 139, 165, 159

■ 90, 165, 147

■ 156, 165, 163

■ 74, 165, 143

■ 172, 165, 167

■ 57, 165, 139

■ 189, 165, 171

■ 41, 165, 135

■ 205, 165, 175

■ 24, 165, 131

■ 222, 165, 179

■ 7, 165, 127

■ 238, 165, 183

■ 0, 165, 126

■ 255, 165, 186

■ 255, 165, 190

Harmonies

Analogous

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



136, 163, 141



123, 165, 155



118, 165, 170

Triad

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



123, 165, 155



158, 153, 182



181, 150, 132

Complementary

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



123, 165, 155



165, 123, 133

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.



187, 147, 143



123, 165, 155



175, 149, 172

Square

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



123, 165, 155



139, 158, 185



185, 146, 158



169, 155, 128

Rectangle

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



123, 165, 155



120, 163, 178



185, 146, 158



184, 149, 135

Sweetspot

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



123, 165, 155



197, 214, 210



133, 165, 123



96, 107, 105



235, 235, 235



107, 107, 107

Same Dimension

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



123, 165, 155



148, 214, 198



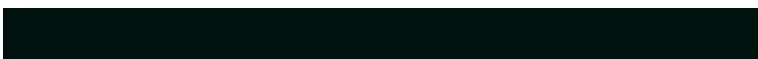
123, 155, 165



73, 82, 80



0, 145, 111



0, 18, 14

Inverse Universe

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



165, 123, 133



214, 148, 164



165, 133, 123



82, 73, 75



145, 0, 35



18, 0, 4

Previews

White Background



This preview shows how the RGB color 123, 165, 155 looks on a white background.

Color Contrast Check

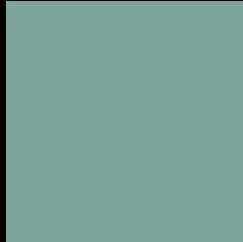
Large Text (above 18pt) WCAG AA × Fail

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 123, 165, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

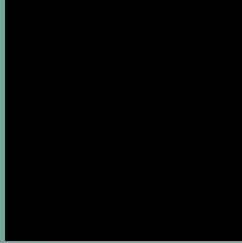
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 123, 165, 155 Background



This preview shows how black text looks on a background with the RGB color 123, 165, 155.



This preview shows how white text looks on a background with the RGB color 123, 165, 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](#).

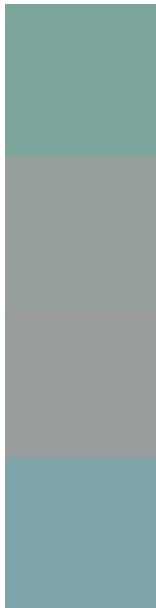
Dichromacy





Tritanopia
127, 162, 175

Trichromacy



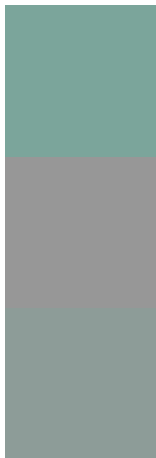
Original Color
123, 165, 155

Protanomaly
147, 159, 152

Deuteranomaly
153, 156, 157

Tritanomaly
126, 163, 168

Monochromacy



Original Color
123, 165, 155

Achromatopsia
151, 151, 151

Achromatomaly
141, 156, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 165, 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(123, 165, 155)` looks like.

```
.text, #text, p{  
    color:rgb(123, 165, 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(123, 165, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 165, 155) }
```

Border

The CSS property to change the border of an element to RGB 123, 165, 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(123, 165, 155) }
```

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

```
.border{ border-color:rgb(123, 165, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 165, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 165, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 165, 155);  
box-shadow:4px 4px 4px 4px rgb(123, 165,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 123, 165, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 165, 155) }
```

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

```
.background{ background-color: rgb(123,  
165, 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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