

Converting Colors

RGB(107, 163, 145)

Have a look what the booklet for
RGB(107, 163, 145) contains.

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Color

RGB(107, 163, 145)

Conversions

Conversions Part 1

Format	Color
Hex	6BA391
RGB	107, 163, 145
RGB Percent	42%, 64%, 57%
CMY	0.5804, 0.3608, 0.4314
CMYK	0.34, 0.00, 0.11, 0.36
HSL	161°, 23%, 53%
HSV	161°, 34%, 64%
XYZ	24.2714, 31.3645, 31.5628
YIQ	144.2040, -27.5980, -17.4700

Conversions

Conversions Part 2

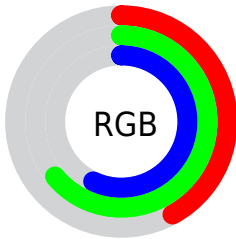
Format	Color
RYB	107, 140, 163
Decimal	7054225
CIELab	62.81, -22.50, 3.52
CIElCh	63, 22.774, 171.101
Yxy	31.3645, 0.2783, 0.3597
Android (android.graphics.Color)	4285244305 (0xFF6BA391)
YUV	144.2040, 0.3924, -32.6279
Hunter-Lab	56.0040, -20.6474, 5.7881

Details

The RGB color **107, 163, 145** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **163, 107, 125**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **160, 218, 199**, and **56, 111, 95** is the 20% darker color. If you saturate the color by 10%, you get **91, 163, 140**, and if you desaturate by 10%, it is **123, 163, 150**.

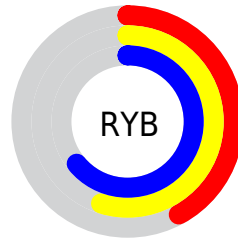
Distribution



Red (42%)

Green (64%)

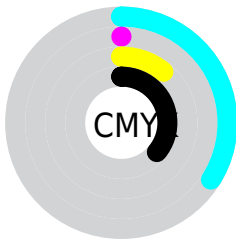
Blue (57%)



Red (42%)

Yellow (55%)

Blue (64%)

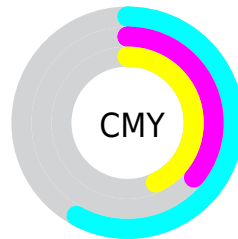


Cyan (34%)

Magenta (0%)

Yellow (11%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 163, 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 107, 163, 145 by changing the saturation by 10% instead.

 107, 163, 145


255, 255, 255


 160, 218, 199

 188, 247, 227


 216, 255, 255

 245, 255, 255

 107, 163, 145

 91, 163, 140

 107, 163, 145

 81, 137, 119

 56, 111, 95

 31, 86, 71

 0, 63, 49


 0, 40, 28


 0, 18, 1


 0, 0, 0

 107, 163, 145


 123, 163, 150


 74, 163, 135


 140, 163, 155

 58, 163, 129

 156, 163, 161

 42, 163, 124

 172, 163, 166


 26, 163, 119

 188, 163, 171

 9, 163, 114

 205, 163, 176

 0, 163, 111

 221, 163, 182

 237, 163, 187

 254, 163, 192

Harmonies

Analogous

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



129, 160, 126



107, 163, 145



94, 163, 166

Triad

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



107, 163, 145



147, 149, 190



187, 142, 121

Complementary

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



107, 163, 145



163, 107, 125

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.



193, 138, 138



107, 163, 145



172, 142, 178

Square

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



107, 163, 145



119, 156, 191



188, 138, 159



173, 149, 112

Rectangle

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



107, 163, 145



94, 162, 178



188, 138, 159



190, 140, 126

Sweetspot

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



107, 163, 145



190, 212, 205



126, 163, 107



94, 107, 103



235, 235, 235



107, 107, 107

Same Dimension

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



107, 163, 145



125, 212, 184



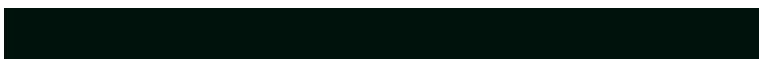
107, 154, 163



73, 82, 79



0, 145, 99



0, 18, 12

Inverse Universe

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



163, 107, 125



212, 125, 153



163, 116, 107



82, 73, 76



145, 0, 47



18, 0, 6

Previews

White Background



This preview shows how the RGB color 107, 163, 145 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 107, 163, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

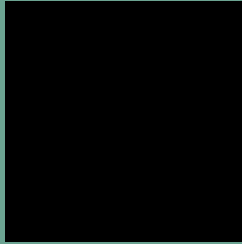
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 107, 163, 145 Background



This preview shows how black text looks on a background with the RGB color 107, 163, 145.

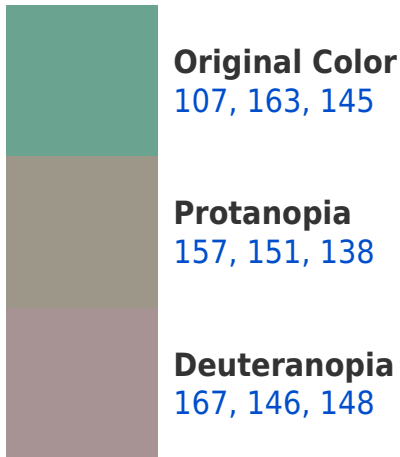



This preview shows how white text looks on a background with the RGB color 107, 163, 145.

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





Tritanopia
113, 159, 172

Trichromacy



Original Color
107, 163, 145

Protanomaly
139, 155, 141

Deuteranomaly
145, 152, 147

Tritanomaly
111, 160, 162

Monochromacy



Original Color
107, 163, 145

Achromatopsia
144, 144, 144

Achromatomaly
131, 151, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 163, 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(107, 163, 145)` looks like.

```
.text, #text, p{  
    color:rgb(107, 163, 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(107, 163, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 163, 145) }
```

Border

The CSS property to change the border of an element to RGB 107, 163, 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(107, 163, 145) }
```

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

```
.border{ border-color:rgb(107, 163, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 163, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 163, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 163, 145);  
box-shadow:4px 4px 4px 4px rgb(107, 163,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 107, 163, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 163, 145) }
```

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

```
.background{ background-color: rgb(107,  
163, 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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