

Converting Colors

RGB(107, 165, 120)

Have a look what the booklet for
RGB(107, 165, 120) contains.

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Color

RGB(107, 165, 120)

Conversions

Conversions Part 1

Format	Color
Hex	6BA578
RGB	107, 165, 120
RGB Percent	42%, 65%, 47%
CMY	0.5804, 0.3529, 0.5294
CMYK	0.35, 0.00, 0.27, 0.35
HSL	133°, 24%, 53%
HSV	133°, 35%, 65%
XYZ	22.9087, 31.3921, 22.6212
YIQ	142.5280, -20.1230, -26.2910

Conversions

Conversions Part 2

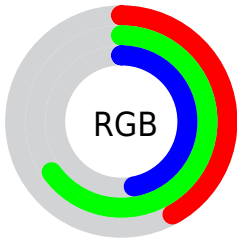
Format	Color
RYB	107, 154, 165
Decimal	7054712
CIELab	62.84, -28.65, 17.47
CIELCh	63, 33.558, 148.623
Yxy	31.3921, 0.2978, 0.4081
Android (android.graphics.Color)	4285244792 (0xFF6BA578)
YUV	142.5280, -11.1063, -31.1581
Hunter-Lab	56.0287, -25.0661, 15.2822

Details

The RGB color **107, 165, 120** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 107, 152**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **160, 220, 172**, and **56, 113, 71** is the 20% darker color. If you saturate the color by 10%, you get **90, 165, 107**, and if you desaturate by 10%, it is **123, 165, 133**.

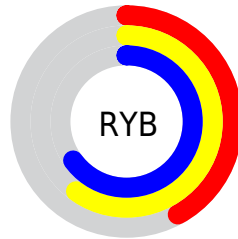
Distribution



Red (42%)

Green (65%)

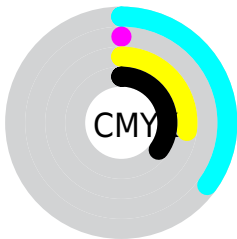
Blue (47%)



Red (42%)

Yellow (60%)

Blue (65%)

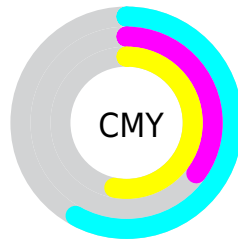


Cyan (35%)

Magenta (0%)

Yellow (27%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 165, 120 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, 165, 120 by changing the saturation by 10% instead.

■ 107, 165, 120

255, 255, 255

■ 160, 220, 172

■ 188, 249, 200

■ 216, 255, 228

■ 245, 255, 255

■ 107, 165, 120

■ 90, 165, 107

■ 107, 165, 120

■ 81, 138, 95

■ 56, 113, 71

■ 30, 88, 48

■ 0, 64, 27


■ 0, 41, 2

■ 0, 18, 0


■ 0, 0, 0


■ 107, 165, 120


■ 123, 165, 133

 74, 165, 94

 140, 165, 146

 57, 165, 82


 156, 165, 158


 41, 165, 69


 173, 165, 171


 24, 165, 56

 189, 165, 184

 8, 165, 43

 206, 165, 197

 0, 165, 37

 222, 165, 210

 239, 165, 222

 255, 165, 235

Harmonies

Analogous

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



142, 159, 99



107, 165, 120



68, 168, 150

Triad

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



107, 165, 120



107, 155, 211



210, 131, 125

Complementary

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



107, 165, 120



165, 107, 152

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.



207, 129, 155



107, 165, 120



154, 145, 204

Square

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



107, 165, 120



57, 163, 202



188, 135, 184



197, 139, 102

Rectangle

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



107, 165, 120



42, 168, 170



188, 135, 184



211, 130, 134

Sweetspot

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



107, 165, 120



191, 214, 196



152, 165, 107



93, 107, 96



235, 235, 235



107, 107, 107

Same Dimension

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



107, 165, 120



124, 214, 144



107, 165, 149



73, 82, 75



0, 145, 33



0, 18, 4

Inverse Universe

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



165, 107, 152



214, 124, 194



165, 107, 123



82, 73, 80



145, 0, 113



18, 0, 14

Previews

White Background



This preview shows how the RGB color 107, 165, 120 looks on a white background.

Color Contrast Check

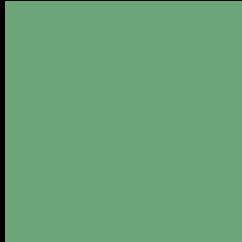
Large Text (above 18pt) WCAG AA × Fail

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, 165, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

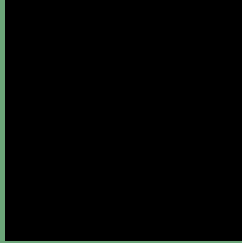
Any Text WCAG AA ✓ Pass

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, 165, 120 Background



This preview shows how black text looks on a background with the RGB color 107, 165, 120.



This preview shows how white text looks on a background with the RGB color 107, 165, 120.

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
107, 165, 120

Protanopia
162, 151, 114

Deuteranopia
175, 145, 124



Tritanopia
117, 158, 171

Trichromacy



Original Color
107, 165, 120

Protanomaly
142, 156, 116

Deuteranomaly
150, 152, 123

Tritanomaly
113, 161, 152

Monochromacy



Original Color
107, 165, 120

Achromatopsia
143, 143, 143

Achromatomaly
130, 151, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 165, 120 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, 165, 120)` looks like.

```
.text, #text, p{  
    color:rgb(107, 165, 120)  
}
```

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, 165, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 165, 120) }
```

Border

The CSS property to change the border of an element to RGB 107, 165, 120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

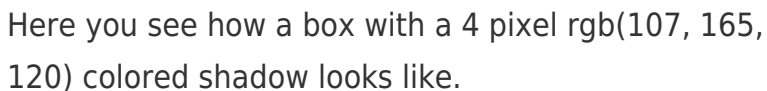
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 165, 120) }
```

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

```
.border{ border-color:rgb(107, 165, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 165, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 165, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 165, 120); box-shadow:4px 4px 4px 4px rgb(107, 165, 120) }
```

Background

The CSS property to change the background color of an element to RGB 107, 165, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 165, 120) }
```

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

```
.background{ background-color: rgb(107,  
165, 120) }
```

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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