

Converting Colors

RGB(87, 160, 120)

Have a look what the booklet for
RGB(87, 160, 120) contains.

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Color

RGB(87, 160, 120)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 57A078 |
| RGB | 87, 160, 120 |
| RGB Percent | 34%, 63%, 47% |
| CMY | 0.6588, 0.3725, 0.5294 |
| CMYK | 0.46, 0.00, 0.25, 0.37 |
| HSL | 147°, 30%, 48% |
| HSV | 147°, 46%, 63% |
| XYZ | 19.8915, 28.5239, 22.2266 |
| YIQ | 133.6130, -30.6680, -27.9160 |

Conversions

Conversions Part 2

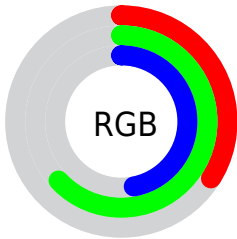
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 87, 137, 160 |
| Decimal | 5742712 |
| CIELab | 60.36, -32.28, 13.89 |
| CIELCh | 60, 35.141, 156.712 |
| Yxy | 28.5239, 0.2816, 0.4038 |
| Android (android.graphics.Color) | 4283932792 (0xFF57A078) |
| YUV | 133.6130, -6.7112, -40.8796 |
| Hunter-Lab | 53.4078, -26.9822, 12.7109 |

Details

The RGB color **87, 160, 120** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **160, 87, 127**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **141, 215, 172**, and **33, 108, 71** is the 20% darker color. If you saturate the color by 10%, you get **71, 160, 111**, and if you desaturate by 10%, it is **103, 160, 129**.

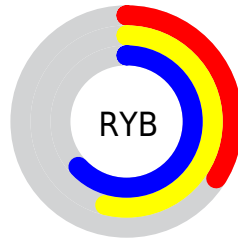
Distribution



Red (34%)

Green (63%)

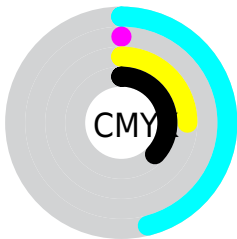
Blue (47%)



Red (34%)

Yellow (54%)

Blue (63%)

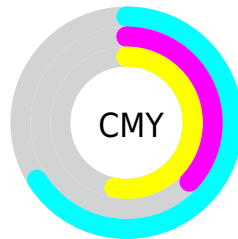


Cyan (46%)

Magenta (0%)

Yellow (25%)

Black (37%)



Cyan (66%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 160, 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 87, 160, 120 by changing the saturation by 10% instead.



87, 160, 120



87, 160, 120

255, 255, 255



60, 134, 95



141, 215, 172



33, 108, 71



168, 244, 200



0, 83, 49



196, 255, 228



0, 59, 27



225, 255, 255



0, 38, 2

254, 255, 255



0, 2, 0



0, 0, 0



87, 160, 120




87, 160, 120



71, 160, 111



103, 160, 129


 55, 160, 102


 119, 160, 138

 39, 160, 94


 135, 160, 146


 23, 160, 85

 151, 160, 155

 7, 160, 76


 167, 160, 164

 0, 160, 72

 183, 160, 173

 199, 160, 181

 215, 160, 190

 231, 160, 199

Harmonies

Analogous

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



126, 155, 95



87, 160, 120



38, 162, 152

Triad

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



87, 160, 120



111, 146, 207



202, 125, 110

Complementary

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



87, 160, 120



160, 87, 127

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.



205, 121, 140



87, 160, 120



158, 135, 195

Square

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



87, 160, 120



52, 155, 202



190, 125, 171



186, 135, 89

Rectangle

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



87, 160, 120



0, 161, 172



190, 125, 171



205, 123, 119

Sweetspot

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



87, 160, 120



180, 209, 193



127, 160, 87



87, 105, 95



232, 232, 232



105, 105, 105

Same Dimension

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



87, 160, 120



94, 209, 146



87, 160, 156



71, 79, 75



0, 143, 65



0, 15, 7

Inverse Universe

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



160, 87, 127



209, 94, 157



160, 87, 91



79, 71, 75



143, 0, 78



15, 0, 8

Previews

White Background



This preview shows how the RGB color 87, 160, 120 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 87, 160, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

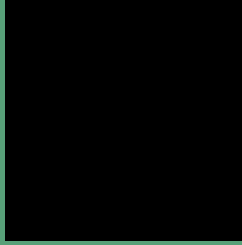
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 87, 160, 120 Background



This preview shows how black text looks on a background with the RGB color 87, 160, 120.

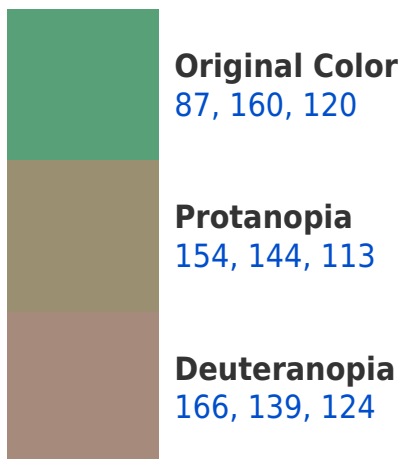



This preview shows how white text looks on a background with the RGB color 87, 160, 120.

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





Tritanopia
98, 154, 166

Trichromacy



Original Color

87, 160, 120



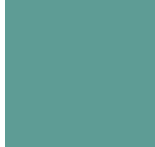
Protanomaly

130, 150, 116



Deuteranomaly

137, 147, 123



Tritanomaly

94, 156, 149

Monochromacy



Original Color

87, 160, 120



Achromatopsia

134, 134, 134



Achromatomaly

117, 143, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 160, 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(87, 160, 120)` looks like.

```
.text, #text, p{  
    color:rgb(87, 160, 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(87, 160, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 160, 120) }
```

Border

The CSS property to change the border of an element to RGB 87, 160, 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(87, 160, 120) }
```

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

```
.border{ border-color:rgb(87, 160, 120) }
```

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

Here you see how a box with a 4 pixel rgb(87, 160, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 160, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 160, 120);  
box-shadow:4px 4px 4px 4px rgb(87, 160,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 87, 160, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 160, 120) }
```

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

```
.background{ background-color: rgb(87, 160,  
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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