

Converting Colors

RGB(85, 159, 125)

Have a look what the booklet for
RGB(85, 159, 125) contains.

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Color

RGB(85, 159, 125)

Conversions

Conversions Part 1

Format	Color
Hex	559F7D
RGB	85, 159, 125
RGB Percent	33%, 62%, 49%
CMY	0.6667, 0.3765, 0.5098
CMYK	0.47, 0.00, 0.21, 0.38
HSL	152°, 30%, 48%
HSV	152°, 47%, 62%
XYZ	19.8461, 28.2082, 23.8008
YIQ	132.9980, -33.1900, -26.2620

Conversions

Conversions Part 2

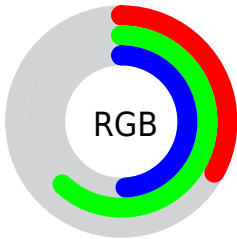
Format	Color
RYB	85, 133, 159
Decimal	5611389
CIELab	60.08, -31.29, 10.69
CIElCh	60, 33.061, 161.137
Yxy	28.2082, 0.2762, 0.3926
Android (android.graphics.Color)	4283801469 (0xFF559F7D)
YUV	132.9980, -3.9430, -42.0942
Hunter-Lab	53.1114, -26.2450, 10.6084

Details

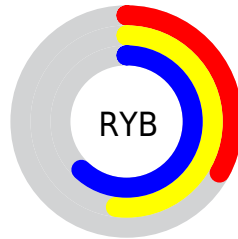
The RGB color **85, 159, 125** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **159, 85, 119**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **139, 214, 178**, and **30, 107, 76** is the 20% darker color. If you saturate the color by 10%, you get **69, 159, 118**, and if you desaturate by 10%, it is **101, 159, 132**.

Distribution



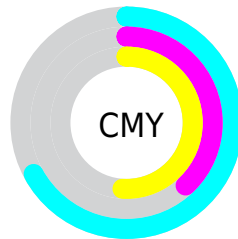
- Red (33%)
- Green (62%)
- Blue (49%)



- Red (33%)
- Yellow (52%)
- Blue (62%)



- Cyan (47%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 159, 125 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 85, 159, 125 by changing the saturation by 10% instead.



85, 159, 125



85, 159, 125

255, 255, 255



58, 133, 100



139, 214, 178



30, 107, 76



166, 243, 205



0, 82, 53



194, 255, 233



0, 59, 32



223, 255, 255



0, 37, 9



252, 255, 255



0, 1, 0



0, 0, 0



85, 159, 125



85, 159, 125



69, 159, 118



101, 159, 132

■ 53, 159, 110

■ 117, 159, 140

■ 37, 159, 103

■ 133, 159, 147

■ 21, 159, 96

■ 149, 159, 154

■ 6, 159, 88

■ 164, 159, 162

■ 0, 159, 86

■ 180, 159, 169

■ 196, 159, 176

■ 212, 159, 183

■ 228, 159, 191

Harmonies

Analogous

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



121, 154, 100



85, 159, 125



44, 160, 155

Triad

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



85, 159, 125



121, 144, 202



197, 127, 108

Complementary

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



85, 159, 125



159, 85, 119

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.



202, 122, 135



85, 159, 125



162, 133, 189

Square

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



85, 159, 125



70, 153, 199



190, 125, 164



180, 137, 90

Rectangle

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



85, 159, 125



22, 160, 174



190, 125, 164



200, 125, 116

Sweetspot

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



85, 159, 125



178, 207, 193



120, 159, 85



87, 105, 96



232, 232, 232



105, 105, 105

Same Dimension

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



85, 159, 125



91, 207, 153



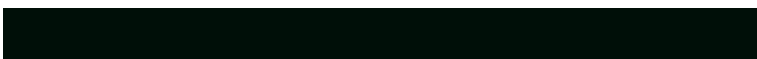
85, 157, 159



71, 79, 75



0, 143, 77



0, 15, 8

Inverse Universe

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



159, 85, 119



207, 91, 144



159, 87, 85



79, 71, 75



143, 0, 66



15, 0, 7

Previews

White Background



This preview shows how the RGB color 85, 159, 125 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 85, 159, 125 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 85, 159, 125 Background



This preview shows how black text looks on a background with the RGB color 85, 159, 125.



This preview shows how white text looks on a background with the RGB color 85, 159, 125.

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
85, 159, 125

Protanopia
152, 144, 117

Deuteranopia
163, 139, 129



Tritanopia
96, 153, 166

Trichromacy



Original Color

85, 159, 125



Protanomaly

128, 149, 120



Deuteranomaly

135, 146, 128



Tritanomaly

92, 155, 151

Monochromacy



Original Color

85, 159, 125



Achromatopsia

133, 133, 133



Achromatomaly

116, 142, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 159, 125 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(85, 159, 125)` looks like.

```
.text, #text, p{  
    color:rgb(85, 159, 125)  
}
```

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(85, 159, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 159, 125) }
```

Border

The CSS property to change the border of an element to RGB 85, 159, 125 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(85, 159, 125) }
```

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

```
.border{ border-color:rgb(85, 159, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 159, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 159, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 159, 125);  
box-shadow:4px 4px 4px 4px rgb(85, 159,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 85, 159, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 159, 125) }
```

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

```
.background{ background-color: rgb(85, 159,  
125) }
```

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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