

Converting Colors

RGB(93, 162, 107)

Have a look what the booklet for
RGB(93, 162, 107) contains.

RGB(93, 162, 107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(93, 162, 107)

Conversions

Conversions Part 1

Format	Color
Hex	5DA26B
RGB	93, 162, 107
RGB Percent	36%, 64%, 42%
CMY	0.6353, 0.3647, 0.5804
CMYK	0.43, 0.00, 0.34, 0.36
HSL	132°, 27%, 50%
HSV	132°, 43%, 64%
XYZ	20.0884, 29.2294, 18.4930
YIQ	135.0990, -23.4690, -31.7330

Conversions

Conversions Part 2

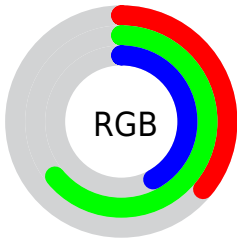
Format	Color
RYB	93, 150, 162
Decimal	6136427
CIELab	60.98, -33.99, 21.97
CIELCh	61, 40.475, 147.124
Yxy	29.2294, 0.2962, 0.4310
Android (android.graphics.Color)	4284326507 (0xFF5DA26B)
YUV	135.0990, -13.8528, -36.9208
Hunter-Lab	54.0642, -28.2879, 17.5644

Details

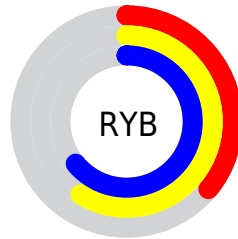
The RGB color **93, 162, 107** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **162, 93, 148**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **146, 217, 159**, and **40, 110, 59** is the 20% darker color. If you saturate the color by 10%, you get **77, 162, 94**, and if you desaturate by 10%, it is **109, 162, 120**.

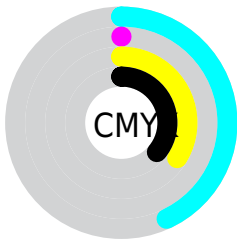
Distribution



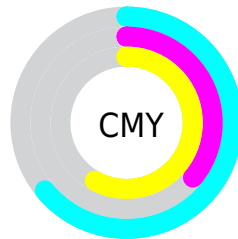
- Red (36%)
- Green (64%)
- Blue (42%)



- Red (36%)
- Yellow (59%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (34%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 162, 107 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 93, 162, 107 by changing the saturation by 10% instead.



93, 162, 107



93, 162, 107

255, 255, 255



67, 135, 82



146, 217, 159



40, 110, 59



174, 246, 186



6, 85, 37



202, 255, 214



0, 61, 15



231, 255, 242



0, 39, 0



0, 7, 0



0, 0, 0



93, 162, 107



93, 162, 107



77, 162, 94



109, 162, 120

■ 61, 162, 81

■ 125, 162, 133

■ 44, 162, 68

■ 142, 162, 146

■ 28, 162, 55

■ 158, 162, 159

■ 12, 162, 42

■ 174, 162, 172

■ 0, 162, 33

■ 190, 162, 184

■ 206, 162, 197

■ 223, 162, 210

■ 239, 162, 223

Harmonies

Analogous

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



136, 155, 82



93, 162, 107



24, 165, 142

Triad

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



93, 162, 107



81, 152, 218



214, 121, 116

Complementary

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



93, 162, 107



162, 93, 148

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.



212, 118, 152



93, 162, 107



145, 139, 211

Square

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



93, 162, 107



0, 161, 206



188, 126, 186



200, 131, 88

Rectangle

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



93, 162, 107



0, 166, 167



188, 126, 186



216, 119, 128

Sweetspot

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



93, 162, 107



184, 212, 190



148, 162, 93



90, 107, 93



235, 235, 235



107, 107, 107

Same Dimension

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



93, 162, 107



104, 212, 126



93, 162, 141



73, 82, 75



0, 145, 29



0, 18, 4

Inverse Universe

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



162, 93, 148



212, 104, 190



162, 93, 114



82, 73, 80



145, 0, 116



18, 0, 14

Previews

White Background



This preview shows how the RGB color 93, 162, 107 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 93, 162, 107 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 93, 162, 107 Background



This preview shows how black text looks on a background with the RGB color 93, 162, 107.

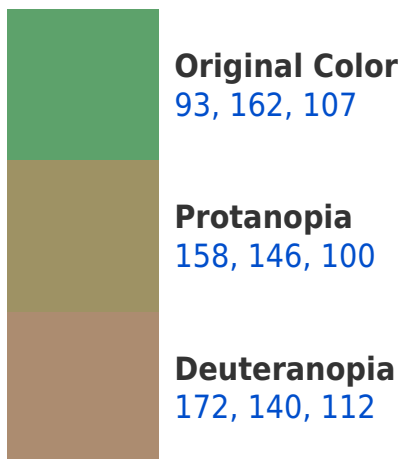


This preview shows how white text looks on a background with the RGB color 93, 162, 107.

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
106, 155, 167

Trichromacy



Original Color
93, 162, 107

Protanomaly
134, 152, 103

Deuteranomaly
143, 148, 110

Tritanomaly
101, 158, 145

Monochromacy



Original Color
93, 162, 107

Achromatopsia
135, 135, 135

Achromatomaly
120, 145, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 162, 107 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(93, 162, 107)` looks like.

```
.text, #text, p{  
    color:rgb(93, 162, 107)  
}
```

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(93, 162, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 162, 107) }
```

Border

The CSS property to change the border of an element to RGB 93, 162, 107 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(93, 162, 107) }
```

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

```
.border{ border-color:rgb(93, 162, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 162, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(93, 162, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(93, 162, 107); box-shadow:4px 4px 4px 4px rgb(93, 162, 107) }
```

Background

The CSS property to change the background color of an element to RGB 93, 162, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 162, 107) }
```

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

```
.background{ background-color: rgb(93, 162,  
107) }
```

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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