

Converting Colors

RGB(92, 179, 103)

Have a look what the booklet for
RGB(92, 179, 103) contains.

RGB(92, 179, 103)	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(92, 179, 103)

Conversions

Conversions Part 1

Format	Color
Hex	5CB367
RGB	92, 179, 103
RGB Percent	36%, 70%, 40%
CMY	0.6392, 0.2980, 0.5961
CMYK	0.49, 0.00, 0.42, 0.30
HSL	128°, 36%, 53%
HSV	128°, 49%, 70%
XYZ	22.9819, 35.4948, 18.4719
YIQ	144.3230, -27.4560, -42.0800

Conversions

Conversions Part 2

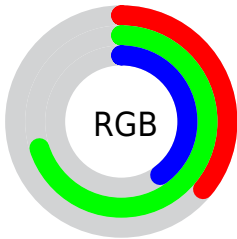
Format	Color
RYB	92, 169, 179
Decimal	6075239
CIELab	66.13, -42.52, 30.89
CIELCh	66, 52.557, 144.003
Yxy	35.4948, 0.2987, 0.4613
Android (android.graphics.Color)	4284265319 (0xFF5CB367)
YUV	144.3230, -20.3722, -45.8873
Hunter-Lab	59.5775, -35.4046, 23.3215

Details

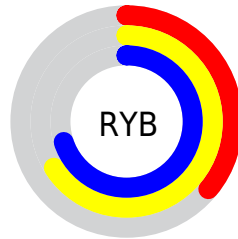
The RGB color **92, 179, 103** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **179, 92, 168**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **147, 235, 155**, and **33, 125, 54** is the 20% darker color. If you saturate the color by 10%, you get **74, 179, 87**, and if you desaturate by 10%, it is **110, 179, 119**.

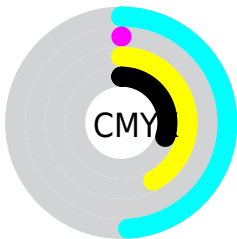
Distribution



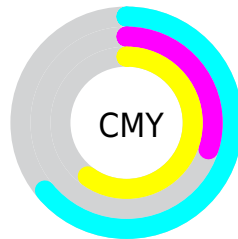
- Red (36%)
- Green (70%)
- Blue (40%)



- Red (36%)
- Yellow (66%)
- Blue (70%)



- Cyan (49%)
- Magenta (0%)
- Yellow (42%)
- Black (30%)




- Cyan (64%)
- Magenta (30%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 92, 179, 103 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 92, 179, 103 by changing the saturation by 10% instead.

 92, 179, 103


255, 255, 255


 147, 235, 155

 175, 255, 182


 204, 255, 210

 233, 255, 239

 92, 179, 103

 64, 152, 78

 33, 125, 54


 0, 100, 31


 0, 75, 6


 0, 51, 0

 0, 30, 0

 0, 0, 0

 92, 179, 103

 74, 179, 87

 92, 179, 103

 110, 179, 119

■ 56, 179, 72

■ 128, 179, 134

■ 38, 179, 56

■ 146, 179, 150

■ 20, 179, 40

■ 164, 179, 166

■ 3, 179, 25

■ 182, 179, 181

■ 0, 179, 23

■ 199, 179, 197

■ 217, 179, 212

■ 235, 179, 228

■ 253, 179, 244

Harmonies

Analogous

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



150, 169, 70



92, 179, 103



0, 184, 149

Triad

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



92, 179, 103



10, 169, 254



248, 123, 125

Complementary

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



92, 179, 103



179, 92, 168

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.



242, 121, 172



92, 179, 103



148, 152, 247

Square

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



92, 179, 103



0, 179, 236



210, 133, 217



230, 137, 85

Rectangle

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



92, 179, 103



0, 184, 182



210, 133, 217



249, 120, 140

Sweetspot

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



92, 179, 103



197, 232, 202



169, 179, 92



96, 117, 99



245, 245, 245



117, 117, 117

Same Dimension

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



92, 179, 103



97, 232, 114



92, 179, 146



80, 89, 81



0, 153, 19



0, 26, 3

Inverse Universe

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



179, 92, 168



232, 97, 215



179, 92, 125



89, 80, 88



153, 0, 134



26, 0, 22

Previews

White Background



This preview shows how the RGB color 92, 179, 103 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 92, 179, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

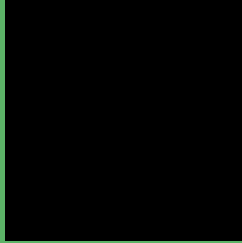
Any Text WCAG AA ✓ Pass

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 92, 179, 103 Background



This preview shows how black text looks on a background with the RGB color 92, 179, 103.

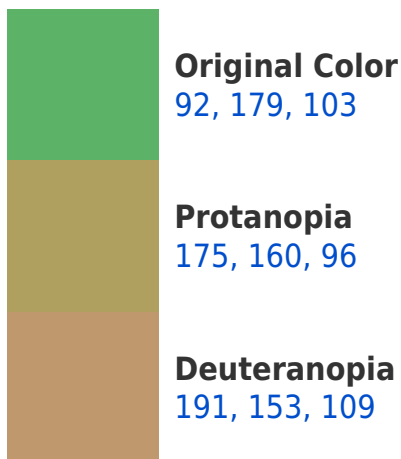


This preview shows how white text looks on a background with the RGB color 92, 179, 103.

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
110, 170, 183

Trichromacy



Original Color

92, 179, 103



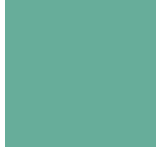
Protanomaly

145, 167, 99



Deuteranomaly

155, 162, 107



Tritanomaly

103, 173, 154

Monochromacy



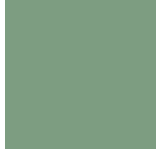
Original Color

92, 179, 103



Achromatopsia

144, 144, 144



Achromatomaly

125, 157, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 92, 179, 103 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(92, 179, 103)` looks like.

```
.text, #text, p{  
    color:rgb(92, 179, 103)  
}
```

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(92, 179, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 179, 103) }
```

Border

The CSS property to change the border of an element to RGB 92, 179, 103 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(92, 179, 103) }
```

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

```
.border{ border-color:rgb(92, 179, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 179, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 179, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 179, 103);  
box-shadow:4px 4px 4px 4px rgb(92, 179,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 92, 179, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 179, 103) }
```

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

```
.background{ background-color: rgb(92, 179,  
103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor