

Converting Colors

RGB(96, 176, 125)

Have a look what the booklet for
RGB(96, 176, 125) contains.

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Color

RGB(96, 176, 125)

Conversions

Conversions Part 1

Format	Color
Hex	60B07D
RGB	96, 176, 125
RGB Percent	38%, 69%, 49%
CMY	0.6235, 0.3098, 0.5098
CMYK	0.45, 0.00, 0.29, 0.31
HSL	142°, 34%, 53%
HSV	142°, 45%, 69%
XYZ	24.0509, 35.0181, 24.8936
YIQ	146.2660, -31.3090, -32.8210

Conversions

Conversions Part 2

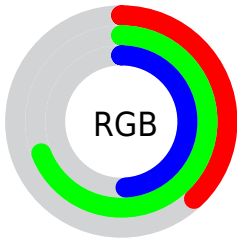
Format	Color
RYB	96, 155, 176
Decimal	6336637
CIELab	65.76, -36.17, 18.68
CIELCh	66, 40.710, 152.693
Yxy	35.0181, 0.2864, 0.4171
Android (android.graphics.Color)	4284526717 (0xFF60B07D)
YUV	146.2660, -10.4841, -44.0833
Hunter-Lab	59.1761, -31.0107, 16.4818

Details

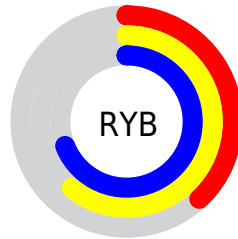
The RGB color **96, 176, 125** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **176, 96, 147**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **150, 232, 178**, and **41, 123, 76** is the 20% darker color. If you saturate the color by 10%, you get **78, 176, 114**, and if you desaturate by 10%, it is **114, 176, 136**.

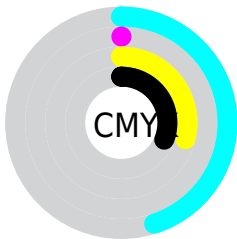
Distribution



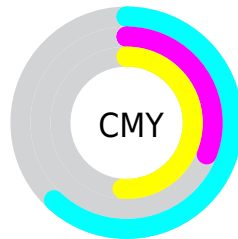
- Red (38%)
- Green (69%)
- Blue (49%)



- Red (38%)
- Yellow (61%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (31%)




- Cyan (62%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 176, 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 96, 176, 125 by changing the saturation by 10% instead.

 96, 176, 125


255, 255, 255


 150, 232, 178


 178, 255, 205


 207, 255, 234

 236, 255, 255

 96, 176, 125

 69, 149, 100

 41, 123, 76


 2, 97, 53


 0, 73, 31


 0, 49, 8


 0, 29, 0

 0, 0, 0

 96, 176, 125

 78, 176, 114

 96, 176, 125

 114, 176, 136

■ 61, 176, 103

■ 131, 176, 147

■ 43, 176, 91

■ 149, 176, 159

■ 26, 176, 80

■ 166, 176, 170

■ 8, 176, 69

■ 184, 176, 181

■ 0, 176, 64

■ 202, 176, 192

■ 219, 176, 204

■ 237, 176, 215

■ 254, 176, 226

Harmonies

Analogous

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



141, 169, 97



96, 176, 125



26, 179, 162

Triad

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



96, 176, 125



108, 162, 232



228, 135, 122

Complementary

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



96, 176, 125



176, 96, 147

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.



228, 130, 158



96, 176, 125



168, 149, 221

Square

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



96, 176, 125



2, 172, 224



208, 136, 194



210, 146, 96

Rectangle

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



96, 176, 125



0, 179, 187



208, 136, 194



230, 132, 133

Sweetspot

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



96, 176, 125



197, 230, 209



148, 176, 96



95, 115, 102



242, 242, 242



115, 115, 115

Same Dimension

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



96, 176, 125



103, 230, 149



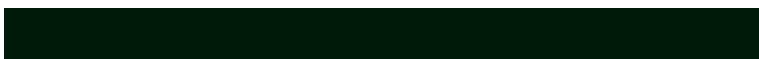
96, 176, 164



80, 89, 84



0, 153, 55



0, 26, 9

Inverse Universe

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



176, 96, 147



230, 103, 184



176, 96, 108



89, 80, 86



153, 0, 98



26, 0, 16

Previews

White Background



This preview shows how the RGB color 96, 176, 125 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 96, 176, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

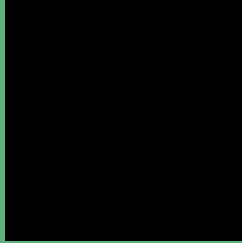
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 96, 176, 125 Background



This preview shows how black text looks on a background with the RGB color 96, 176, 125.

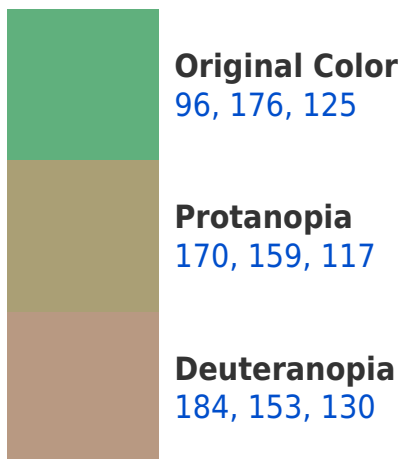



This preview shows how white text looks on a background with the RGB color 96, 176, 125.

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





Tritanopia
110, 169, 182

Trichromacy



Original Color

96, 176, 125



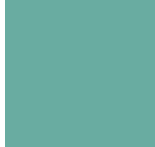
Protanomaly

143, 165, 120



Deuteranomaly

152, 161, 128



Tritanomaly

105, 172, 161

Monochromacy



Original Color

96, 176, 125



Achromatopsia

146, 146, 146



Achromatomaly

128, 157, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 176, 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(96, 176, 125)` looks like.

```
.text, #text, p{  
    color:rgb(96, 176, 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(96, 176, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 176, 125) }
```

Border

The CSS property to change the border of an element to RGB 96, 176, 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(96, 176, 125) }
```

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

```
.border{ border-color:rgb(96, 176, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 176, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 176, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 176, 125);  
box-shadow:4px 4px 4px 4px rgb(96, 176,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 96, 176, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 176, 125) }
```

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

```
.background{ background-color: rgb(96, 176,  
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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