

Converting Colors

RGB(99, 182, 96)

Have a look what the booklet for
RGB(99, 182, 96) contains.

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Color

RGB(99, 182, 96)

Conversions

Conversions Part 1

Format	Color
Hex	63B660
RGB	99, 182, 96
RGB Percent	39%, 71%, 38%
CMY	0.6118, 0.2863, 0.6235
CMYK	0.46, 0.00, 0.47, 0.29
HSL	118°, 37%, 55%
HSV	118°, 47%, 71%
XYZ	23.9849, 36.9531, 16.9349
YIQ	147.3790, -21.8620, -44.3420

Conversions

Conversions Part 2

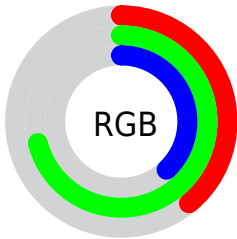
Format	Color
RYB	96, 182, 179
Decimal	6534752
CIELab	67.24, -42.84, 35.96
CIELCh	67, 55.933, 139.985
Yxy	36.9531, 0.3080, 0.4745
Android (android.graphics.Color)	4284724832 (0xFF63B660)
YUV	147.3790, -25.3298, -42.4284
Hunter-Lab	60.7890, -35.9521, 26.0351

Details

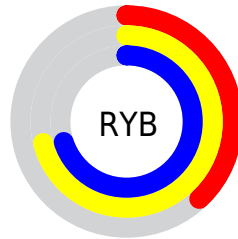
The RGB color **99, 182, 96** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **179, 96, 182**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **154, 239, 148**, and **42, 128, 47** is the 20% darker color. If you saturate the color by 10%, you get **81, 182, 78**, and if you desaturate by 10%, it is **117, 182, 114**.

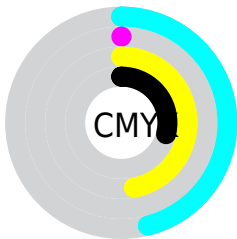
Distribution



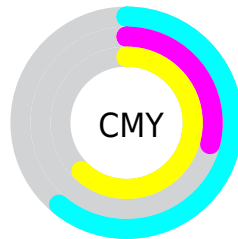
- Red (39%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (47%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 182, 96 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 99, 182, 96 by changing the saturation by 10% instead.



99, 182, 96



99, 182, 96

255, 255, 255



71, 155, 71



154, 239, 148



42, 128, 47



183, 255, 175



0, 103, 22



211, 255, 203



0, 78, 0



241, 255, 231



0, 54, 0



0, 33, 0



0, 0, 0



99, 182, 96



99, 182, 96



81, 182, 78



117, 182, 114

■ 64, 182, 60

■ 134, 182, 132

■ 46, 182, 41

■ 152, 182, 151

■ 29, 182, 23

■ 169, 182, 169

■ 11, 182, 5

■ 187, 182, 187

■ 6, 182, 0

■ 204, 182, 205

■ 222, 182, 223

■ 240, 182, 242

■ 255, 182, 255

Harmonies

Analogous

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



159, 171, 63



99, 182, 96



0, 188, 145

Triad

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



99, 182, 96



0, 174, 255



255, 121, 132

Complementary

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



99, 182, 96



179, 96, 182

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.



248, 121, 183



99, 182, 96



137, 157, 255

Square

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



99, 182, 96



0, 184, 240



209, 137, 229



241, 136, 88

Rectangle

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



99, 182, 96



0, 189, 180



209, 137, 229



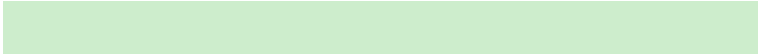
255, 119, 149

Sweetspot

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



99, 182, 96



205, 237, 204



182, 178, 96



100, 120, 99



247, 247, 247



120, 120, 120

Same Dimension

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



99, 182, 96



107, 237, 102



96, 182, 135



83, 92, 83



5, 156, 0



1, 28, 0

Inverse Universe

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



179, 96, 182



232, 102, 237



182, 96, 143



91, 83, 92



150, 0, 156



27, 0, 28

Previews

White Background



This preview shows how the RGB color 99, 182, 96 looks on a white background.

Color Contrast Check

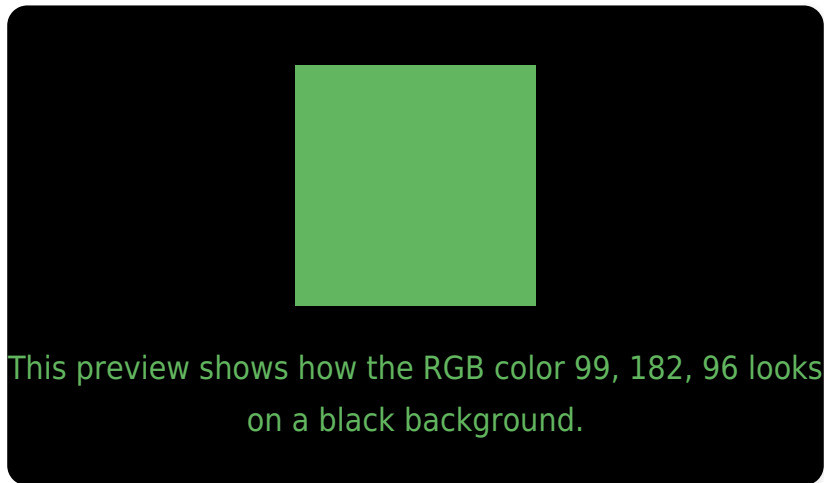
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

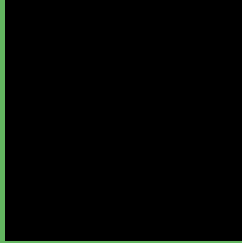
Any Text WCAG AA ✓ Pass

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 99, 182, 96 Background



This preview shows how black text looks on a background with the RGB color 99, 182, 96.



This preview shows how white text looks on a background with the RGB color 99, 182, 96.

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
99, 182, 96

Protanopia
179, 163, 89

Deuteranopia
196, 155, 102



Tritanopia
117, 172, 186

Trichromacy



Original Color

99, 182, 96



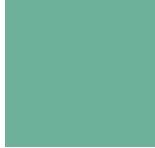
Protanomaly

150, 170, 92



Deuteranomaly

161, 165, 100



Tritanomaly

110, 176, 153

Monochromacy



Original Color

99, 182, 96



Achromatopsia

147, 147, 147



Achromatomaly

130, 160, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 182, 96 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(99, 182, 96)` looks like.

```
.text, #text, p{  
    color:rgb(99, 182, 96)  
}
```

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(99, 182, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 182, 96) }
```

Border

The CSS property to change the border of an element to RGB 99, 182, 96 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(99, 182, 96) }
```

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

```
.border{ border-color:rgb(99, 182, 96) }
```

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

Here you see how a box with a 4 pixel rgb(99, 182, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 182, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 182, 96);  
box-shadow:4px 4px 4px 4px rgb(99, 182,  
96) }
```

Background

The CSS property to change the background color of an element to RGB 99, 182, 96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 182, 96) }
```

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

```
.background{ background-color: rgb(99, 182,  
96) }
```

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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