

Converting Colors

RGB(99, 185, 129)

Have a look what the booklet for
RGB(99, 185, 129) contains.

RGB(99, 185, 129)	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(99, 185, 129)

Conversions

Conversions Part 1

Format	Color
Hex	63B981
RGB	99, 185, 129
RGB Percent	39%, 73%, 51%
CMY	0.6118, 0.2745, 0.4941
CMYK	0.46, 0.00, 0.30, 0.27
HSL	141°, 38%, 56%
HSV	141°, 46%, 73%
XYZ	26.4570, 38.9356, 26.8898
YIQ	152.9020, -33.2800, -35.6480

Conversions

Conversions Part 2

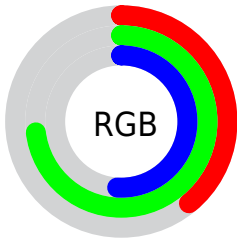
Format	Color
RYB	99, 163, 185
Decimal	6535553
CIELab	68.70, -38.64, 20.56
CIElCh	69, 43.771, 151.980
Yxy	38.9356, 0.2867, 0.4219
Android (android.graphics.Color)	4284725633 (0xFF63B981)
YUV	152.9020, -11.7837, -47.2721
Hunter-Lab	62.3984, -33.5129, 18.1286

Details

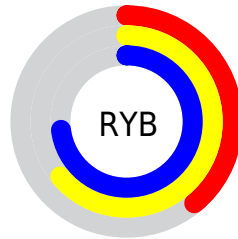
The RGB color **99, 185, 129** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **185, 99, 155**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **154, 242, 182**, and **43, 131, 79** is the 20% darker color. If you saturate the color by 10%, you get **81, 185, 117**, and if you desaturate by 10%, it is **118, 185, 141**.

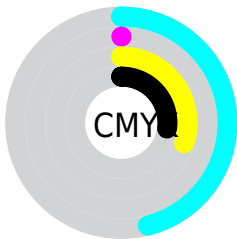
Distribution



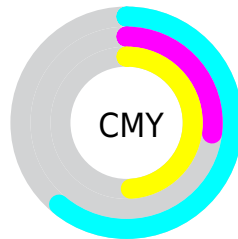
- Red (39%)
- Green (73%)
- Blue (51%)



- Red (39%)
- Yellow (64%)
- Blue (73%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 185, 129 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, 185, 129 by changing the saturation by 10% instead.



99, 185, 129



99, 185, 129

255, 255, 255



72, 158, 104



154, 242, 182



43, 131, 79



182, 255, 210



1, 105, 56



211, 255, 238



0, 81, 34



240, 255, 255



0, 57, 12



0, 37, 0



0, 0, 0



99, 185, 129




99, 185, 129



81, 185, 117



118, 185, 141

 62, 185, 105


 136, 185, 153


 44, 185, 93


 155, 185, 165


 25, 185, 81

 173, 185, 177


 6, 185, 69

 192, 185, 189

 0, 185, 65

 210, 185, 201

 229, 185, 213

 247, 185, 225

 255, 185, 237

Harmonies

Analogous

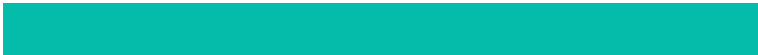
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



149, 178, 98



99, 185, 129



4, 188, 169

Triad

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



99, 185, 129



109, 171, 246



241, 140, 128

Complementary

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



99, 185, 129



185, 99, 155

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.



241, 135, 166



99, 185, 129



175, 156, 235

Square

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



99, 185, 129



0, 181, 237



219, 142, 205



222, 152, 98

Rectangle

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



99, 185, 129



0, 188, 196



219, 142, 205



243, 137, 140

Sweetspot

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



99, 185, 129



206, 240, 218



156, 185, 99



99, 120, 107



247, 247, 247



120, 120, 120

Same Dimension

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



99, 185, 129



105, 240, 152



99, 185, 171



83, 92, 86



0, 156, 54



0, 28, 10

Inverse Universe

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



185, 99, 155



240, 105, 193



185, 99, 113



92, 83, 89



156, 0, 101



28, 0, 18

Previews

White Background



This preview shows how the RGB color 99, 185, 129 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 99, 185, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

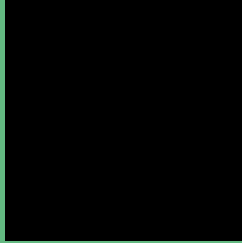
Any Text WCAG AA ✓ Pass

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 99, 185, 129 Background



This preview shows how black text looks on a background with the RGB color 99, 185, 129.

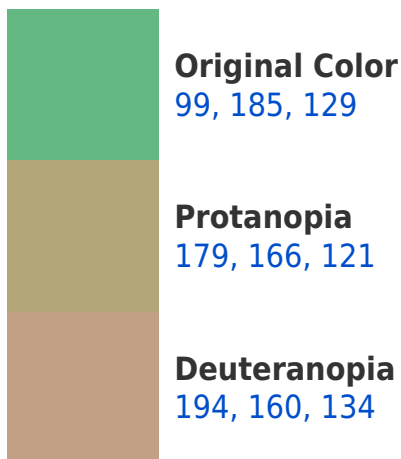


This preview shows how white text looks on a background with the RGB color 99, 185, 129.

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
114, 177, 191

Trichromacy



Original Color
99, 185, 129



Protanomaly
150, 173, 124



Deuteranomaly
159, 169, 132



Tritanomaly
109, 180, 168

Monochromacy



Original Color
99, 185, 129



Achromatopsia
153, 153, 153



Achromatomaly
133, 165, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 185, 129 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, 185, 129)` looks like.

```
.text, #text, p{  
    color:rgb(99, 185, 129)  
}
```

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, 185, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 185, 129) }
```

Border

The CSS property to change the border of an element to RGB 99, 185, 129 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, 185, 129) }
```

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

```
.border{ border-color:rgb(99, 185, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 185, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 185, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 185, 129);  
box-shadow:4px 4px 4px 4px rgb(99, 185,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 99, 185, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 185, 129) }
```

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

```
.background{ background-color: rgb(99, 185,  
129) }
```

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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