

Converting Colors

RGB(99, 177, 129)

Have a look what the booklet for
RGB(99, 177, 129) contains.

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Color

RGB(99, 177, 129)

Conversions

Conversions Part 1

Format	Color
Hex	63B181
RGB	99, 177, 129
RGB Percent	39%, 69%, 51%
CMY	0.6118, 0.3059, 0.4941
CMYK	0.44, 0.00, 0.27, 0.31
HSL	143°, 33%, 54%
HSV	143°, 44%, 69%
XYZ	24.8302, 35.6819, 26.3475
YIQ	148.2060, -31.0800, -31.4640

Conversions

Conversions Part 2

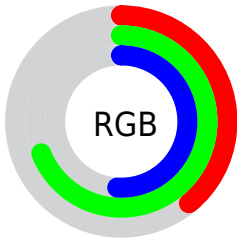
Format	Color
RYB	99, 155, 177
Decimal	6533505
CIELab	66.28, -35.01, 17.23
CIELCh	66, 39.015, 153.800
Yxy	35.6819, 0.2859, 0.4108
Android (android.graphics.Color)	4284723585 (0xFF63B181)
YUV	148.2060, -9.4686, -43.1537
Hunter-Lab	59.7343, -30.3368, 15.6625

Details

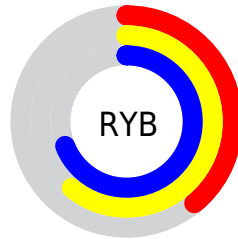
The RGB color **99, 177, 129** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **177, 99, 147**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **153, 233, 182**, and **45, 124, 80** is the 20% darker color. If you saturate the color by 10%, you get **81, 177, 118**, and if you desaturate by 10%, it is **117, 177, 140**.

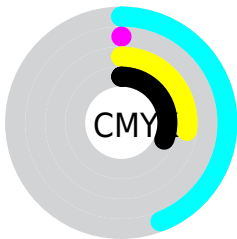
Distribution



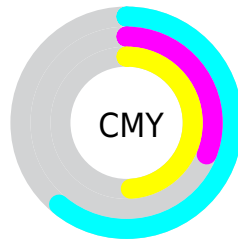
- Red (39%)
- Green (69%)
- Blue (51%)



- Red (39%)
- Yellow (61%)
- Blue (69%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)





- Cyan (61%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 99, 177, 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, 177, 129 by changing the saturation by 10% instead.

 99, 177, 129

 99, 177, 129

255, 255, 255

 72, 150, 104

 153, 233, 182

 45, 124, 80

 181, 255, 210

 9, 98, 56

 210, 255, 238


 0, 74, 34


 239, 255, 255


 0, 50, 13

 0, 30, 0


 0, 0, 0

 99, 177, 129


 99, 177, 129


 81, 177, 118

 117, 177, 140


 64, 177, 107


 134, 177, 151

 46, 177, 96


 152, 177, 162

 28, 177, 85

 170, 177, 173


 10, 177, 75

 188, 177, 183

 0, 177, 68

 205, 177, 194

 223, 177, 205

 241, 177, 216

 255, 177, 227

Harmonies

Analogous

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



142, 171, 101



99, 177, 129



41, 180, 165

Triad

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



99, 177, 129



116, 163, 231



226, 137, 124

Complementary

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



99, 177, 129



177, 99, 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.



227, 133, 158



99, 177, 129



171, 150, 219

Square

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



99, 177, 129



41, 173, 223



209, 139, 193



209, 148, 99

Rectangle

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



99, 177, 129



0, 179, 188



209, 139, 193



229, 135, 135

Sweetspot

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



99, 177, 129



200, 230, 211



147, 177, 99



96, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



99, 177, 129



108, 230, 155



99, 177, 168



80, 89, 84



0, 153, 59



0, 26, 10

Inverse Universe

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



177, 99, 147



230, 108, 183



177, 99, 108



89, 80, 86



153, 0, 94



26, 0, 16

Previews

White Background



This preview shows how the RGB color 99, 177, 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, 177, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

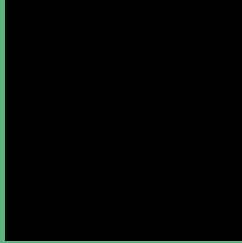
Any Text WCAG AA ✓ Pass

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, 177, 129 Background



This preview shows how black text looks on a background with the RGB color 99, 177, 129.

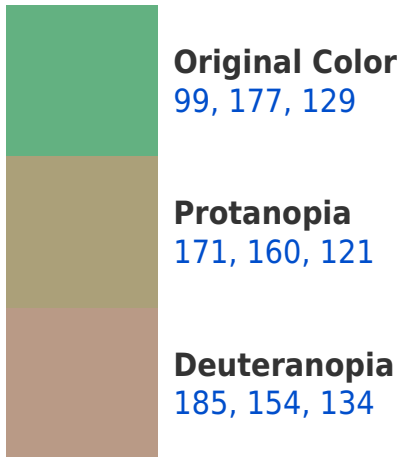


This preview shows how white text looks on a background with the RGB color 99, 177, 129.

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
112, 170, 184

Trichromacy



Original Color

99, 177, 129



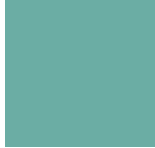
Protanomaly

145, 166, 124



Deuteranomaly

154, 162, 132



Tritanomaly

107, 173, 164

Monochromacy



Original Color

99, 177, 129



Achromatopsia

148, 148, 148



Achromatomaly

130, 159, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 177, 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, 177, 129)` looks like.

```
.text, #text, p{  
    color:rgb(99, 177, 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, 177, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 177, 129) }
```

Border

The CSS property to change the border of an element to RGB 99, 177, 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, 177, 129) }
```

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

```
.border{ border-color:rgb(99, 177, 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, 177, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 177, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 177, 129);  
box-shadow:4px 4px 4px 4px rgb(99, 177,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 99, 177, 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, 177, 129) }
```

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

```
.background{ background-color: rgb(99, 177,  
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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