

Converting Colors

RGB(111, 196, 130)

Have a look what the booklet for
RGB(111, 196, 130) contains.

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Color

RGB(111, 196, 130)

Conversions

Conversions Part 1

Format	Color
Hex	6FC482
RGB	111, 196, 130
RGB Percent	44%, 77%, 51%
CMY	0.5647, 0.2314, 0.4902
CMYK	0.43, 0.00, 0.34, 0.23
HSL	133°, 42%, 60%
HSV	133°, 43%, 77%
XYZ	30.3247, 44.4711, 28.1046
YIQ	163.0610, -29.4740, -38.5460

Conversions

Conversions Part 2

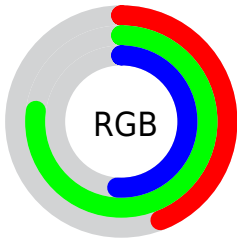
Format	Color
RYB	111, 180, 196
Decimal	7324802
CIELab	72.54, -39.99, 25.32
CIElCh	73, 47.332, 147.663
Yxy	44.4711, 0.2947, 0.4322
Android (android.graphics.Color)	4285514882 (0xFF6FC482)
YUV	163.0610, -16.2991, -45.6575
Hunter-Lab	66.6866, -35.5314, 21.6933

Details

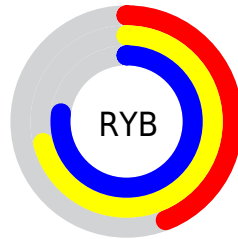
The RGB color **111, 196, 130** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **196, 111, 177**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **166, 253, 183**, and **56, 142, 80** is the 20% darker color. If you saturate the color by 10%, you get **91, 196, 115**, and if you desaturate by 10%, it is **131, 196, 145**.

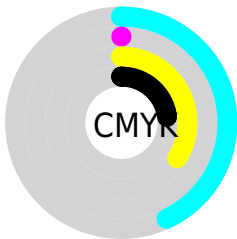
Distribution



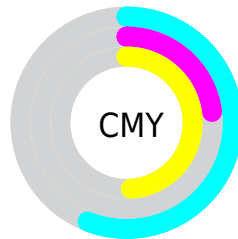
- Red (44%)
- Green (77%)
- Blue (51%)



- Red (44%)
- Yellow (71%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)




- Cyan (56%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 111, 196, 130 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 111, 196, 130 by changing the saturation by 10% instead.

 111, 196, 130


255, 255, 255


 166, 253, 183

 195, 255, 211


 224, 255, 240

253, 255, 255

 111, 196, 130

 84, 168, 105

 56, 142, 80

 24, 115, 56


 0, 90, 34


 0, 66, 11


 0, 43, 0


 0, 16, 0


 0, 0, 0


 111, 196, 130


 111, 196, 130


 91, 196, 115

 131, 196, 145

 72, 196, 100


 150, 196, 160

 52, 196, 84


 170, 196, 176

 33, 196, 69

 189, 196, 191

 13, 196, 54

 209, 196, 206

 0, 196, 44

 229, 196, 221

 248, 196, 237

 255, 196, 252

 255, 196, 255

Harmonies

Analogous

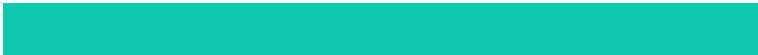
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164, 187, 99



111, 196, 130



16, 200, 173

Triad

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



111, 196, 130



98, 183, 255



255, 146, 140

Complementary

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



111, 196, 130



196, 111, 177

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.



255, 143, 183



111, 196, 130



176, 168, 255

Square

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



111, 196, 130



0, 194, 250



229, 152, 225



241, 159, 106

Rectangle

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



111, 196, 130



0, 200, 203



229, 152, 225



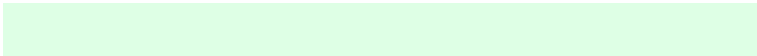
255, 143, 154

Sweetspot

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



111, 196, 130



222, 255, 229



178, 196, 111



107, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



111, 196, 130



122, 255, 152



111, 196, 172



87, 97, 89



0, 161, 36



0, 33, 7

Inverse Universe

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



196, 111, 177



255, 122, 225



196, 111, 135



97, 87, 95



161, 0, 125



33, 0, 26

Previews

White Background



This preview shows how the RGB color 111, 196, 130 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 111, 196, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

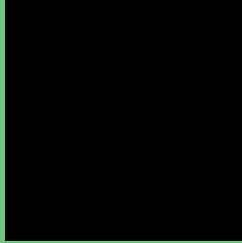
Any Text WCAG AA ✓ Pass

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 111, 196, 130 Background



This preview shows how black text looks on a background with the RGB color 111, 196, 130.

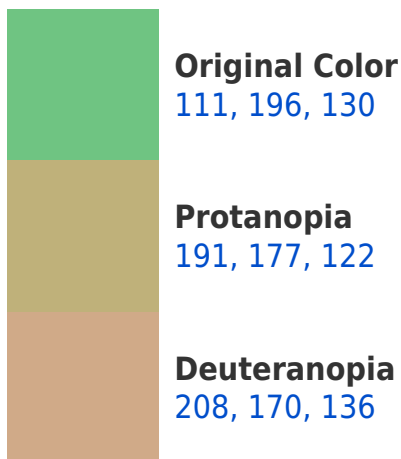


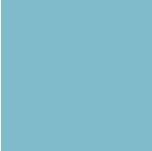
This preview shows how white text looks on a background with the RGB color 111, 196, 130.

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](#).

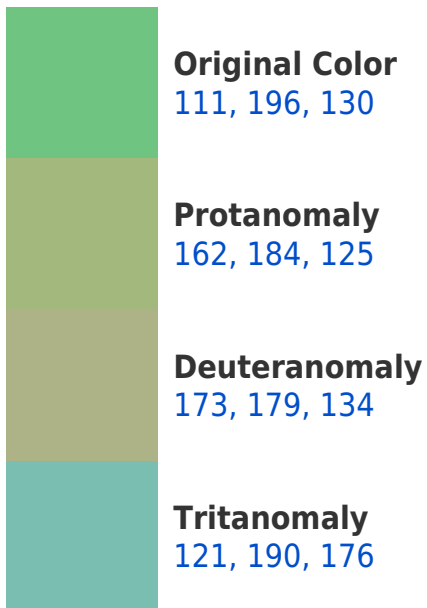
Dichromacy



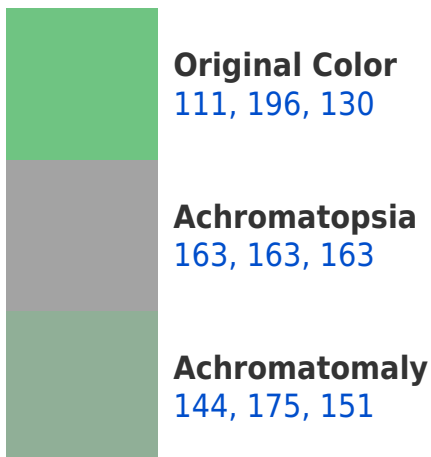


Tritanopia
127, 187, 202

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 111, 196, 130 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(111, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(111, 196, 130)  
}
```

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(111, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 196, 130) }
```

Border

The CSS property to change the border of an element to RGB 111, 196, 130 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(111, 196, 130) }
```

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

```
.border{ border-color:rgb(111, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 196, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 196, 130);  
box-shadow:4px 4px 4px 4px rgb(111, 196,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 111, 196, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 196, 130) }
```

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

```
.background{ background-color: rgb(111,  
196, 130) }
```

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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