

Converting Colors

RGB(71, 184, 110)

Have a look what the booklet for
RGB(71, 184, 110) contains.

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Color

RGB(71, 184, 110)

Conversions

Conversions Part 1

Format	Color
Hex	47B86E
RGB	71, 184, 110
RGB Percent	28%, 72%, 43%
CMY	0.7216, 0.2784, 0.5686
CMYK	0.61, 0.00, 0.40, 0.28
HSL	141°, 44%, 50%
HSV	141°, 61%, 72%
XYZ	22.5535, 36.7464, 20.6559
YIQ	141.7770, -43.5940, -46.9700

Conversions

Conversions Part 2

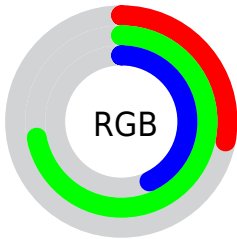
Format	Color
RYB	71, 155, 184
Decimal	4700270
CIELab	67.09, -48.58, 28.33
CIELCh	67, 56.241, 149.749
Yxy	36.7464, 0.2821, 0.4596
Android (android.graphics.Color)	4282890350 (0xFF47B86E)
YUV	141.7770, -15.6661, -62.0714
Hunter-Lab	60.6188, -39.6711, 22.2300

Details

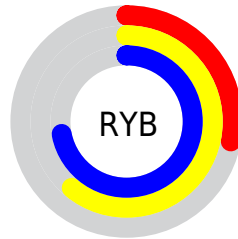
The RGB color **71, 184, 110** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **184, 71, 145**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **130, 241, 162**, and **0, 130, 61** is the 20% darker color. If you saturate the color by 10%, you get **53, 184, 98**, and if you desaturate by 10%, it is **89, 184, 122**.

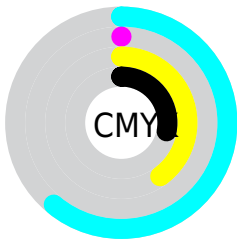
Distribution



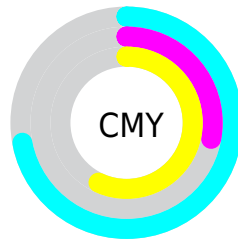
- Red (28%)
- Green (72%)
- Blue (43%)



- Red (28%)
- Yellow (61%)
- Blue (72%)



- Cyan (61%)
- Magenta (0%)
- Yellow (40%)
- Black (28%)



- Cyan (72%)
- Magenta (28%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the RGB color 71, 184, 110 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 71, 184, 110 by changing the saturation by 10% instead.



 71, 184, 110  71, 184, 110

255, 255, 255  37, 157, 85

 130, 241, 162  0, 130, 61


 159, 255, 190  0, 104, 38

 188, 255, 218  0, 79, 15

 217, 255, 246  0, 55, 0

 247, 255, 255  0, 32, 0

 0, 0, 0

 71, 184, 110  71, 184, 110

 53, 184, 98  89, 184, 122

■ 34, 184, 86

■ 108, 184, 134

■ 16, 184, 74

■ 126, 184, 146

■ 0, 184, 64

■ 145, 184, 158

■ 163, 184, 170

■ 181, 184, 182

■ 200, 184, 194

■ 218, 184, 206

■ 237, 184, 218

Harmonies

Analogous

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



141, 175, 70



71, 184, 110



0, 188, 161

Triad

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



71, 184, 110



45, 169, 255



254, 124, 116

Complementary

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



71, 184, 110



184, 71, 145

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.



254, 118, 166



71, 184, 110



164, 150, 251

Square

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



71, 184, 110



0, 181, 250



225, 130, 215



231, 142, 76

Rectangle

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



71, 184, 110



0, 188, 196



225, 130, 215



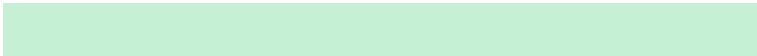
255, 120, 132

Sweetspot

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



71, 184, 110



197, 240, 211



146, 184, 71



93, 120, 103



247, 247, 247



120, 120, 120

Same Dimension

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



71, 184, 110



62, 240, 124



71, 184, 165



83, 92, 86



0, 156, 54



0, 28, 10

Inverse Universe

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



184, 71, 145



240, 62, 178



184, 71, 90



92, 83, 89



156, 0, 102



28, 0, 18

Previews

White Background



This preview shows how the RGB color 71, 184, 110 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 71, 184, 110 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 71, 184, 110 Background



This preview shows how black text looks on a background with the RGB color 71, 184, 110.

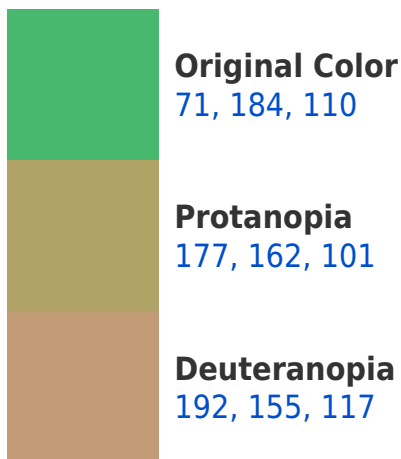


This preview shows how white text looks on a background with the RGB color 71, 184, 110.

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
95, 175, 189

Trichromacy



Original Color

71, 184, 110



Protanomaly

138, 170, 104



Deuteranomaly

148, 166, 114



Tritanomaly

86, 178, 160

Monochromacy



Original Color

71, 184, 110



Achromatopsia

142, 142, 142



Achromatomaly

116, 157, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 71, 184, 110 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(71, 184, 110)` looks like.

```
.text, #text, p{  
    color:rgb(71, 184, 110)  
}
```

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(71, 184, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 184, 110) }
```

Border

The CSS property to change the border of an element to RGB 71, 184, 110 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(71, 184, 110) }
```

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

```
.border{ border-color:rgb(71, 184, 110) }
```

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

Here you see how a box with a 4 pixel rgb(71, 184, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 184, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 184, 110);  
box-shadow:4px 4px 4px 4px rgb(71, 184,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 71, 184, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 184, 110) }
```

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

```
.background{ background-color: rgb(71, 184,  
110) }
```

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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