

Converting Colors

RGB(70, 191, 121)

Have a look what the booklet for
RGB(70, 191, 121) contains.

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Color

RGB(70, 191, 121)

Conversions

Conversions Part 1

Format	Color
Hex	46BF79
RGB	70, 191, 121
RGB Percent	27%, 75%, 47%
CMY	0.7255, 0.2510, 0.5255
CMYK	0.63, 0.00, 0.37, 0.25
HSL	145°, 49%, 51%
HSV	145°, 63%, 75%
XYZ	24.6078, 39.9442, 24.5022
YIQ	146.8410, -49.6460, -47.4220

Conversions

Conversions Part 2

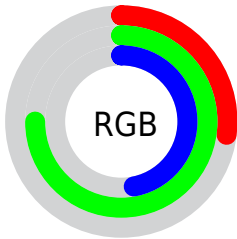
Format	Color
RYB	70, 155, 191
Decimal	4636537
CIELab	69.43, -49.56, 25.64
CIELCh	69, 55.798, 152.641
Yxy	39.9442, 0.2763, 0.4485
Android (android.graphics.Color)	4282826617 (0xFF46BF79)
YUV	146.8410, -12.7396, -67.3896
Hunter-Lab	63.2014, -41.1026, 21.2552

Details

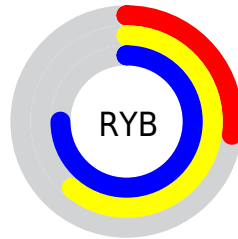
The RGB color **70, 191, 121** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **191, 70, 140**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **130, 248, 174**, and **0, 136, 72** is the 20% darker color. If you saturate the color by 10%, you get **51, 191, 110**, and if you desaturate by 10%, it is **89, 191, 132**.

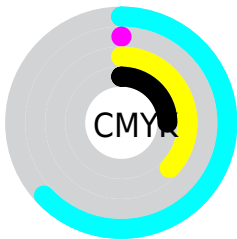
Distribution



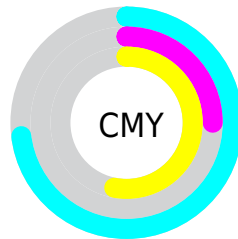
- Red (27%)
- Green (75%)
- Blue (47%)



- Red (27%)
- Yellow (61%)
- Blue (75%)



- Cyan (63%)
- Magenta (0%)
- Yellow (37%)
- Black (25%)






















- Cyan (73%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 191, 121 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 70, 191, 121 by changing the saturation by 10% instead.

 70, 191, 121	 70, 191, 121
 255, 255, 255	 34, 163, 96
 130, 248, 174	 0, 136, 72
 159, 255, 201	 0, 110, 48
 188, 255, 230	 0, 85, 26
 218, 255, 255	 0, 60, 2
 248, 255, 255	 0, 38, 0
	 0, 0, 0

 70, 191, 121	 70, 191, 121
 51, 191, 110	 89, 191, 132

■ 32, 191, 99

■ 108, 191, 143

■ 13, 191, 88

■ 127, 191, 154

■ 0, 191, 81

■ 146, 191, 165

■ 166, 191, 176

■ 185, 191, 187

■ 204, 191, 198

■ 223, 191, 209

■ 242, 191, 220

Harmonies

Analogous

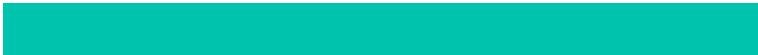
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



142, 182, 80



70, 191, 121



0, 195, 173

Triad

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



70, 191, 121



77, 174, 255



255, 132, 118

Complementary

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



70, 191, 121



191, 70, 140

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, 125, 167



70, 191, 121



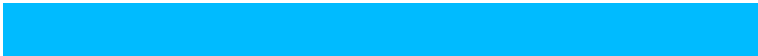
178, 154, 255

Square

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



70, 191, 121



0, 187, 255



235, 135, 217



235, 150, 79

Rectangle

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



70, 191, 121



0, 194, 207



235, 135, 217



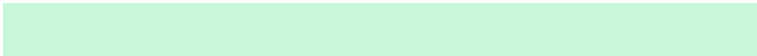
255, 128, 133

Sweetspot

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



70, 191, 121



200, 247, 220



141, 191, 70



96, 125, 108



252, 252, 252



125, 125, 125

Same Dimension

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



70, 191, 121



59, 247, 139



70, 191, 181



85, 94, 89



0, 158, 67



0, 31, 13

Inverse Universe

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



191, 70, 140



247, 59, 168



191, 70, 80



94, 85, 90



158, 0, 91



31, 0, 18

Previews

White Background



This preview shows how the RGB color 70, 191, 121 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 70, 191, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

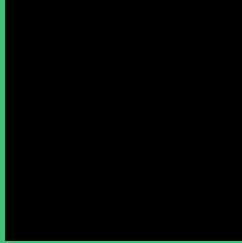
Any Text WCAG AA ✓ Pass

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 70, 191, 121 Background



This preview shows how black text looks on a background with the RGB color 70, 191, 121.

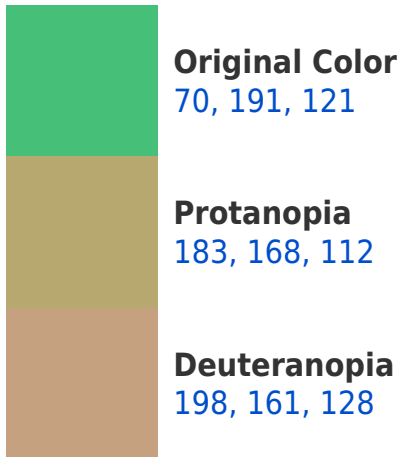


This preview shows how white text looks on a background with the RGB color 70, 191, 121.

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
94, 182, 197

Trichromacy



Original Color

70, 191, 121



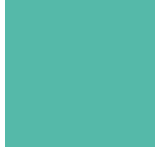
Protanomaly

142, 176, 115



Deuteranomaly

151, 172, 125



Tritanomaly

85, 185, 169

Monochromacy



Original Color

70, 191, 121



Achromatopsia

147, 147, 147



Achromatomaly

119, 163, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 191, 121 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(70, 191, 121)` looks like.

```
.text, #text, p{  
    color:rgb(70, 191, 121)  
}
```

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(70, 191, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 191, 121) }
```

Border

The CSS property to change the border of an element to RGB 70, 191, 121 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(70, 191, 121) }
```

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

```
.border{ border-color:rgb(70, 191, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 191, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 191, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 191, 121);  
box-shadow:4px 4px 4px 4px rgb(70, 191,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 70, 191, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 191, 121) }
```

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

```
.background{ background-color: rgb(70, 191,  
121) }
```

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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