

Converting Colors

RGB(71, 201, 143)

Have a look what the booklet for
RGB(71, 201, 143) contains.

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Color

RGB(71, 201, 143)

Conversions

Conversions Part 1

Format	Color
Hex	47C98F
RGB	71, 201, 143
RGB Percent	28%, 79%, 56%
CMY	0.7216, 0.2118, 0.4392
CMYK	0.65, 0.00, 0.29, 0.21
HSL	153°, 55%, 53%
HSV	153°, 65%, 79%
XYZ	28.4431, 45.0961, 33.1919
YIQ	155.5180, -58.8620, -45.5980

Conversions

Conversions Part 2

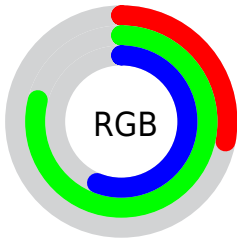
Format	Color
RYB	71, 155, 201
Decimal	4704655
CIELab	72.96, -48.99, 18.77
CIELCh	73, 52.461, 159.038
Yxy	45.0961, 0.2665, 0.4225
Android (android.graphics.Color)	4282894735 (0xFF47C98F)
YUV	155.5180, -6.1714, -74.1223
Hunter-Lab	67.1536, -41.9146, 17.7023

Details

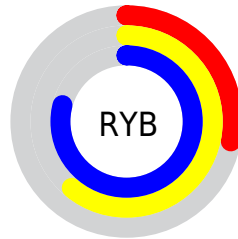
The RGB color **71, 201, 143** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **201, 71, 129**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **132, 255, 197**, and **0, 146, 92** is the 20% darker color. If you saturate the color by 10%, you get **51, 201, 134**, and if you desaturate by 10%, it is **91, 201, 152**.

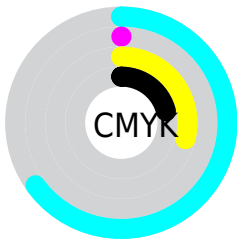
Distribution



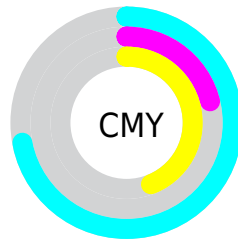
- Red (28%)
- Green (79%)
- Blue (56%)



- Red (28%)
- Yellow (61%)
- Blue (79%)



- Cyan (65%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)



















- Cyan (72%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 71, 201, 143 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, 201, 143 by changing the saturation by 10% instead.

 71, 201, 143	 71, 201, 143
 255, 255, 255	 33, 173, 117
 132, 255, 197	 0, 146, 92
 162, 255, 225	 0, 119, 69
 192, 255, 254	 0, 94, 46
 221, 255, 255	 0, 69, 24
 252, 255, 255	 0, 46, 0
	 0, 18, 0
	 0, 0, 0

 71, 201, 143  71, 201, 143

■ 51, 201, 134

■ 91, 201, 152

■ 31, 201, 125

■ 111, 201, 161

■ 11, 201, 116

■ 131, 201, 170

■ 0, 201, 111

■ 151, 201, 179

■ 172, 201, 188

■ 192, 201, 197

■ 212, 201, 206

■ 232, 201, 215

■ 252, 201, 224

Harmonies

Analogous

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



142, 194, 102



71, 201, 143



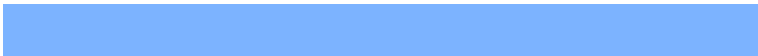
0, 204, 193

Triad

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



71, 201, 143



124, 179, 255



255, 147, 121

Complementary

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



71, 201, 143



201, 71, 129

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, 138, 166



71, 201, 143



202, 161, 254

Square

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



71, 201, 143



0, 193, 255



250, 144, 215



235, 164, 89

Rectangle

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



71, 201, 143



0, 203, 224



250, 144, 215



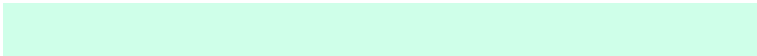
255, 143, 135

Sweetspot

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



71, 201, 143



207, 255, 233



130, 201, 71



98, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



71, 201, 143



56, 255, 166



71, 195, 201



90, 99, 95



0, 163, 90



0, 36, 20

Inverse Universe

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



201, 71, 129



255, 56, 145



201, 78, 71



99, 90, 94



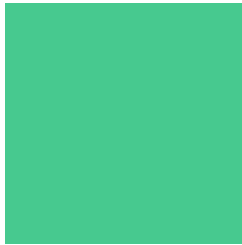
163, 0, 73



36, 0, 16

Previews

White Background



This preview shows how the RGB color 71, 201, 143 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, 201, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

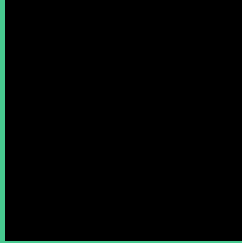
Any Text WCAG AA ✓ Pass

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, 201, 143 Background



This preview shows how black text looks on a background with the RGB color 71, 201, 143.

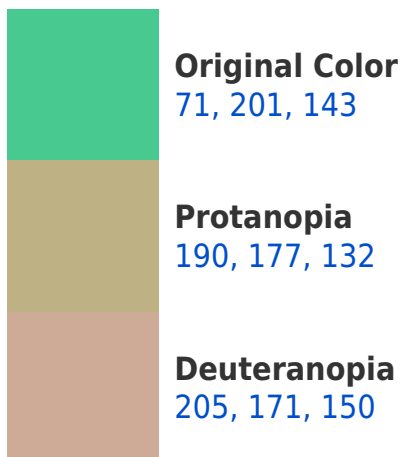


This preview shows how white text looks on a background with the RGB color 71, 201, 143.

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, 193, 208

Trichromacy



Original Color

71, 201, 143



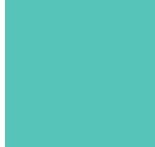
Protanomaly

147, 186, 136



Deuteranomaly

156, 182, 147



Tritanomaly

86, 196, 184

Monochromacy



Original Color

71, 201, 143



Achromatopsia

156, 156, 156



Achromatomaly

125, 172, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 71, 201, 143 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, 201, 143)` looks like.

```
.text, #text, p{  
    color:rgb(71, 201, 143)  
}
```

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, 201, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 201, 143) }
```

Border

The CSS property to change the border of an element to RGB 71, 201, 143 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, 201, 143) }
```

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

```
.border{ border-color:rgb(71, 201, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 201, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 201, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 201, 143);  
box-shadow:4px 4px 4px 4px rgb(71, 201,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 71, 201, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 201, 143) }
```

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

```
.background{ background-color: rgb(71, 201,  
143) }
```

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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