

Converting Colors

RGB(71, 191, 143)

Have a look what the booklet for
RGB(71, 191, 143) contains.

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Color

RGB(71, 191, 143)

Conversions

Conversions Part 1

Format	Color
Hex	47BF8F
RGB	71, 191, 143
RGB Percent	28%, 75%, 56%
CMY	0.7216, 0.2510, 0.4392
CMYK	0.63, 0.00, 0.25, 0.25
HSL	156°, 48%, 51%
HSV	156°, 63%, 75%
XYZ	26.1873, 40.5844, 32.4400
YIQ	149.6480, -56.1120, -40.3680

Conversions

Conversions Part 2

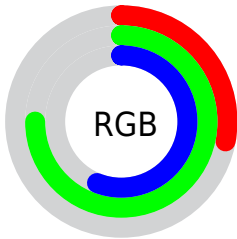
Format	Color
RYB	71, 146, 191
Decimal	4702095
CIELab	69.88, -44.84, 14.50
CIElCh	70, 47.122, 162.082
Yxy	40.5844, 0.2640, 0.4091
Android (android.graphics.Color)	4282892175 (0xFF47BF8F)
YUV	149.6480, -3.2775, -68.9743
Hunter-Lab	63.7059, -38.1101, 14.4028

Details

The RGB color **71, 191, 143** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **191, 71, 119**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **131, 248, 197**, and **0, 137, 93** is the 20% darker color. If you saturate the color by 10%, you get **52, 191, 135**, and if you desaturate by 10%, it is **90, 191, 151**.

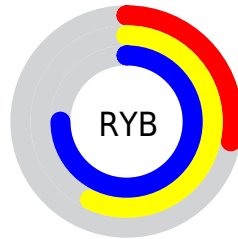
Distribution



Red (28%)

Green (75%)

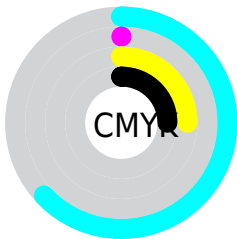
Blue (56%)



Red (28%)

Yellow (57%)

Blue (75%)

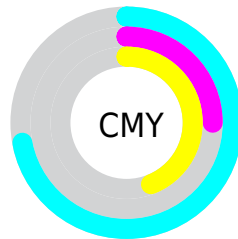


Cyan (63%)

Magenta (0%)

Yellow (25%)

Black (25%)



Cyan (72%)

Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 71, 191, 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, 191, 143 by changing the saturation by 10% instead.



71, 191, 143



71, 191, 143

255, 255, 255



35, 163, 117



131, 248, 197



0, 137, 93



160, 255, 225



0, 110, 69



189, 255, 254



0, 85, 46



219, 255, 255



0, 61, 25



249, 255, 255



0, 40, 0



0, 0, 0



71, 191, 143



71, 191, 143



52, 191, 135



90, 191, 151

■ 33, 191, 128

■ 109, 191, 158

■ 14, 191, 120

■ 128, 191, 166

■ 0, 191, 115

■ 147, 191, 174

■ 167, 191, 181

■ 186, 191, 189

■ 205, 191, 196

■ 224, 191, 204

■ 243, 191, 212

Harmonies

Analogous

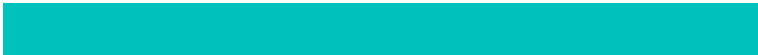
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



133, 185, 105



71, 191, 143



0, 193, 187

Triad

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



71, 191, 143



132, 169, 254



244, 144, 115

Complementary

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



71, 191, 143



191, 71, 119

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.



252, 136, 155



71, 191, 143



197, 153, 235

Square

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



71, 191, 143



0, 182, 252



237, 139, 198



218, 159, 89

Rectangle

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



71, 191, 143



0, 192, 215



237, 139, 198



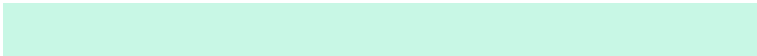
249, 140, 128

Sweetspot

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



71, 191, 143



200, 247, 229



119, 191, 71



96, 125, 113



252, 252, 252



125, 125, 125

Same Dimension

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



71, 191, 143



62, 247, 173



71, 179, 191



85, 94, 91



0, 158, 95



0, 31, 18

Inverse Universe

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



191, 71, 119



247, 62, 136



191, 83, 71



94, 85, 89



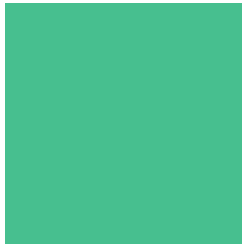
158, 0, 63



31, 0, 12

Previews

White Background



This preview shows how the RGB color 71, 191, 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, 191, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

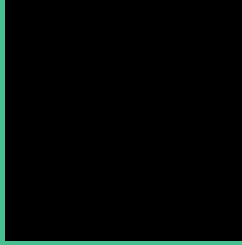
Any Text WCAG AA ✓ Pass

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, 191, 143 Background



This preview shows how black text looks on a background with the RGB color 71, 191, 143.

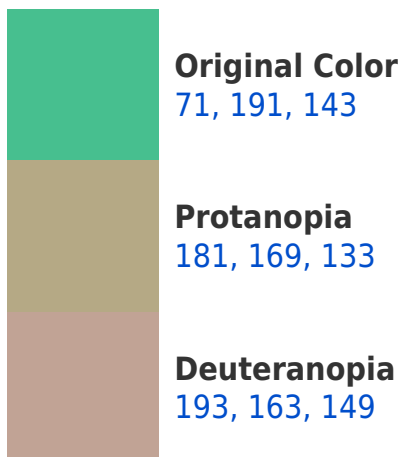


This preview shows how white text looks on a background with the RGB color 71, 191, 143.

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
91, 184, 199

Trichromacy



Original Color

71, 191, 143



Protanomaly

141, 177, 137



Deuteranomaly

149, 173, 147



Tritanomaly

84, 187, 179

Monochromacy



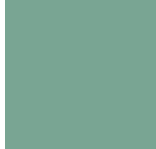
Original Color

71, 191, 143



Achromatopsia

150, 150, 150



Achromatomaly

121, 165, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 71, 191, 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, 191, 143)` looks like.

```
.text, #text, p{  
    color:rgb(71, 191, 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, 191, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 191, 143) }
```

Border

The CSS property to change the border of an element to RGB 71, 191, 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, 191, 143) }
```

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

```
.border{ border-color:rgb(71, 191, 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, 191, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 191, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 191, 143);  
box-shadow:4px 4px 4px 4px rgb(71, 191,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 71, 191, 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, 191, 143) }
```

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

```
.background{ background-color: rgb(71, 191,  
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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