

Converting Colors

`RYB(71, 245, 240)`

Have a look what the booklet for
RYB(71, 245, 240) contains.

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Color

RYB(71, 245, 240)

Conversions

Conversions Part 1

Format	Color
Hex	4CF547
RGB	76, 245, 71
RGB Percent	30%, 96%, 28%
CMY	0.7020, 0.0392, 0.7216
CMYK	0.69, 0.00, 0.71, 0.04
HSL	118°, 90%, 62%
HSV	118°, 71%, 96%
XYZ	36.7702, 67.2962, 17.0127
YIQ	174.6330, -44.8700, -89.9420

Conversions

Conversions Part 2

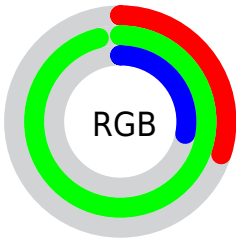
Format	Color
RYB	71, 245, 240
Decimal	5043527
CIELab	85.65, -73.84, 67.54
CIELCh	86, 100.069, 137.548
Yxy	67.2962, 0.3037, 0.5558
Android (android.graphics.Color)	4283233607 (0xFF4CF547)
YUV	174.6330, -51.0911, -86.5011
Hunter-Lab	82.0343, -63.5510, 45.1281

Details

The RYB color **71, 245, 240** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed green. A complement of this color would be **240, 71, 245**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **128, 255, 238**, and **0, 187, 187** is the 20% darker color. If you saturate the color by 10%, you get **47, 245, 240**, and if you desaturate by 10%, it is **96, 245, 241**.

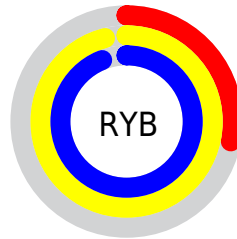
Distribution



Red (30%)

Green (96%)

Blue (28%)



Red (28%)

Yellow (96%)

Blue (94%)

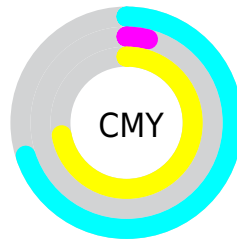


Cyan (69%)

Magenta (0%)

Yellow (71%)

Black (4%)



Cyan (70%)

Magenta (4%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the RYB color 71, 245, 240 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 RYB color 71, 245, 240 by changing the saturation by 10% instead.

 71, 245, 240	 71, 245, 240
 255, 255, 255	 22, 200, 216
 128, 255, 238	 0, 187, 187
 157, 255, 235	 0, 159, 159
 185, 255, 231	 0, 132, 132
 214, 255, 229	 0, 105, 105
 244, 255, 244	 0, 79, 79
	 0, 55, 55
	 0, 28, 28
	 0, 0, 0

 71, 245, 240

 71, 245, 240

 47, 245, 240

 96, 245, 241

 22, 245, 239

 120, 245, 241

 0, 245, 238

 145, 245, 243

 169, 245, 243

 194, 245, 244

 218, 245, 244

 243, 245, 245

 255, 245, 255

Harmonies

Analogous

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



0, 227, 23



71, 245, 240



0, 152, 254

Triad

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



71, 245, 240



0, 123, 255



255, 111, 163

Complementary

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



71, 245, 240



240, 71, 245

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, 115, 255



71, 245, 240



108, 167, 255

Square

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



71, 245, 240



0, 127, 255



255, 161, 255



255, 211, 74

Rectangle

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



71, 245, 240



0, 132, 255



255, 161, 255



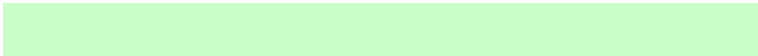
255, 106, 194

Sweetspot

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



71, 245, 240



201, 255, 253



77, 245, 71



96, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



71, 245, 240



38, 255, 249



71, 190, 245



110, 122, 121



0, 186, 181



0, 59, 57

Inverse Universe

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



240, 71, 245



249, 38, 255



245, 71, 164



122, 110, 122



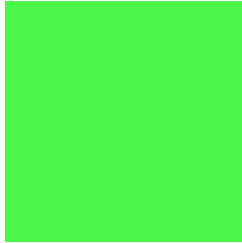
181, 0, 186



57, 0, 59

Previews

White Background



This preview shows how the RYB color 71, 245, 240 looks on a white background.

Color Contrast Check

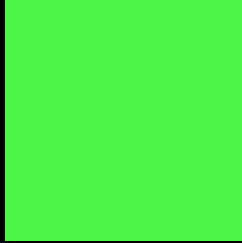
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 71, 245, 240 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, 245, 240 Background



This preview shows how black text looks on a background with the RGB color 71, 245, 240.

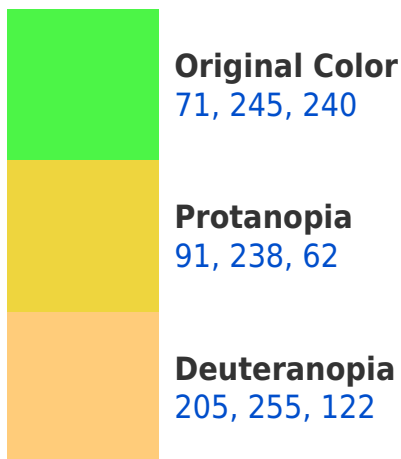



This preview shows how white text looks on a background with the RGB color 71, 245, 240.

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
122, 180, 247

Trichromacy



Original Color

71, 245, 240



Protanomaly

65, 225, 111



Deuteranomaly

103, 219, 132



Tritanomaly

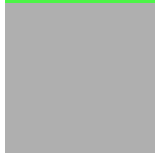
105, 186, 235

Monochromacy



Original Color

71, 245, 240



Achromatopsia

175, 175, 175



Achromatomaly

137, 200, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 71, 245, 240 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(76, 245, 71)` looks like.

```
.text, #text, p{  
    color:rgb(76, 245, 71)  
}
```

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(76, 245, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 245, 71) }
```

Border

The CSS property to change the border of an element to RYB 71, 245, 240 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(76, 245, 71) }
```

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

```
.border{ border-color:rgb(76, 245, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 245, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 245, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 245, 71);  
box-shadow:4px 4px 4px 4px rgb(76, 245,  
71) }
```

Background

The CSS property to change the background color of an element to RYB 71, 245, 240 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 245, 71) }
```

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

```
.background{ background-color: rgb(76, 245,  
71) }
```

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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