

Converting Colors

`RYB(71, 155, 243)`

Have a look what the booklet for
RYB(71, 155, 243) contains.

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Color

`RYB(71, 155, 243)`

Conversions

Conversions Part 1

Format	Color
Hex	47EBF3
RGB	71, 235, 243
RGB Percent	28%, 92%, 95%
CMY	0.7216, 0.0777, 0.0471
CMYK	0.71, 0.03, 0.00, 0.05
HSL	183°, 88%, 62%
HSV	183°, 71%, 95%
XYZ	48.5366, 67.3315, 95.2321
YIQ	186.8760, -100.3120, -32.2800

Conversions

Conversions Part 2

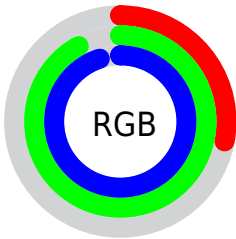
Format	Color
R _Y B	71, 155, 243
Decimal	4713459
CIE Lab	85.67, -38.59, -15.97
CIE LCh	86, 41.761, 202.485
Yxy	67.3315, 0.2299, 0.3190
Android (android.graphics.Color)	4282903539 (0xFF47EBF3)
YUV	186.8760, 27.6691, -101.6233
Hunter-Lab	82.0558, -38.0135, -11.3717

Details

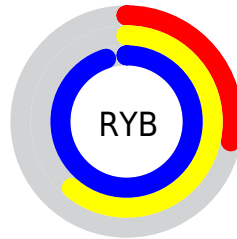
The RYB color **71, 155, 243** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **243, 79, 71**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **142, 199, 255**, and **0, 91, 187** is the 20% darker color. If you saturate the color by 10%, you get **47, 143, 243**, and if you desaturate by 10%, it is **95, 167, 243**.

Distribution



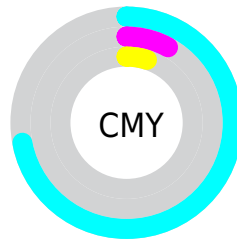
- Red (28%)
- Green (92%)
- Blue (95%)



- Red (28%)
- Yellow (61%)
- Blue (95%)



- Cyan (71%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



















- Cyan (72%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 71, 155, 243 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, 155, 243 by changing the saturation by 10% instead.

 71, 155, 243	 71, 155, 243
 255, 255, 255	 2, 106, 215
 142, 199, 255	 0, 91, 187
 174, 215, 255	 0, 78, 160
 206, 231, 255	 0, 65, 134
 237, 246, 255	 0, 52, 108
	 0, 40, 84
	 0, 28, 61
	 0, 17, 39
	 0, 1, 19

■ 71, 155, 243

■ 71, 155, 243

■ 47, 143, 243

■ 95, 167, 243

■ 22, 130, 243

■ 120, 180, 243

■ 0, 119, 243

■ 144, 192, 243

■ 168, 205, 243

■ 192, 217, 243

■ 217, 230, 243

■ 241, 242, 243

■ 255, 244, 243

■ 255, 245, 243

Harmonies

Analogous

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



115, 185, 235



71, 155, 243



82, 162, 255

Triad

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



71, 155, 243



255, 194, 255



203, 250, 136

Complementary

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



71, 155, 243



243, 79, 71

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, 224, 153



71, 155, 243



255, 185, 226

Square

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



71, 155, 243



205, 208, 255



255, 185, 186



140, 221, 151

Rectangle

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



71, 155, 243



121, 180, 255



255, 185, 186



230, 255, 139

Sweetspot

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



71, 155, 243



201, 227, 255



71, 237, 243



96, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



71, 155, 243



38, 144, 255



71, 126, 243



110, 116, 122



0, 91, 186



0, 29, 59

Inverse Universe

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



243, 71, 235



255, 38, 245



221, 243, 71



122, 110, 122



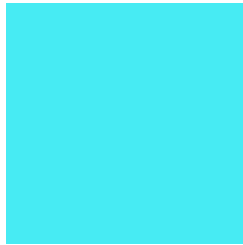
186, 0, 178



59, 0, 56

Previews

White Background



This preview shows how the RYB color 71, 155, 243 looks on a white background.

Color Contrast Check

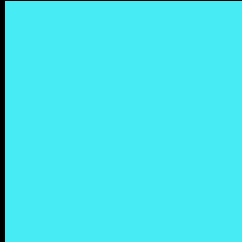
Large Text (above 18pt) WCAG AA × Fail

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, 155, 243 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](#).

RYB 71, 155, 243 Background



This preview shows how black text looks on a background with the RYB color 71, 155, 243.

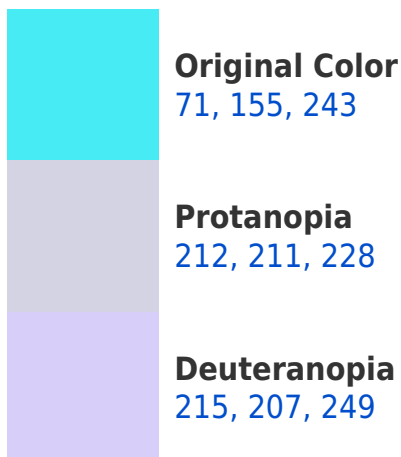


This preview shows how white text looks on a background with the RYB color 71, 155, 243.

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





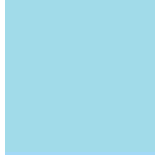
Tritanopia
77, 160, 253

Trichromacy



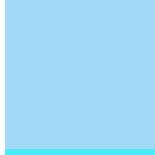
Original Color

71, 155, 243



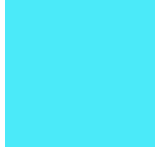
Protanomaly

161, 193, 233



Deuteranomaly

163, 196, 247



Tritanomaly

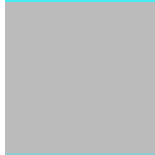
75, 158, 249

Monochromacy



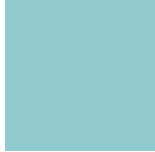
Original Color

71, 155, 243



Achromatopsia

187, 187, 187



Achromatomaly

145, 175, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 71, 155, 243 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, 235, 243)` looks like.

```
.text, #text, p{  
    color:rgb(71, 235, 243)  
}
```

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, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 235, 243) }
```

Border

The CSS property to change the border of an element to RYB 71, 155, 243 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, 235, 243) }
```

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

```
.border{ border-color:rgb(71, 235, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 235, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 235, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 235, 243);  
box-shadow:4px 4px 4px 4px rgb(71, 235,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 71, 155, 243 is called "background".

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

```
.background, #background, body{  
background: rgb(71, 235, 243) }
```

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

```
.background{ background-color: rgb(71, 235,  
243) }
```

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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