

Converting Colors

`RYB(75, 134, 191)`

Have a look what the booklet for
RYB(75, 134, 191) contains.

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Color

`RYB(75, 134, 191)`

Conversions

Conversions Part 1

Format	Color
Hex	4BBFBB
RGB	75, 191, 187
RGB Percent	29%, 75%, 73%
CMY	0.7059, 0.2510, 0.2664
CMYK	0.61, 0.00, 0.02, 0.25
HSL	178°, 48%, 52%
HSV	178°, 61%, 75%
XYZ	30.5094, 42.3482, 53.6178
YIQ	155.8600, -67.8520, -25.8360

Conversions

Conversions Part 2

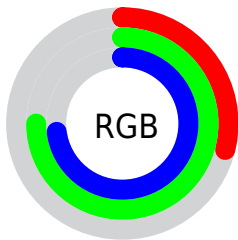
Format	Color
RYB	75, 134, 191
Decimal	4964283
CIELab	71.11, -33.13, -7.75
CIElCh	71, 34.021, 193.159
Yxy	42.3482, 0.2412, 0.3348
Android (android.graphics.Color)	4283154363 (0xFF4BBFB3)
YUV	155.8600, 15.3520, -70.9142
Hunter-Lab	65.0755, -30.1960, -3.2981

Details

The RYB color **75, 134, 191** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **191, 75, 79**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **136, 193, 248**, and **0, 69, 137** is the 20% darker color. If you saturate the color by 10%, you get **56, 125, 191**, and if you desaturate by 10%, it is **94, 143, 191**.

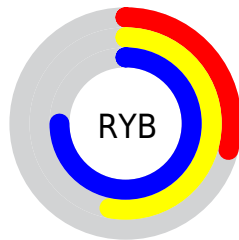
Distribution



Red (29%)

Green (75%)

Blue (73%)



Red (29%)

Yellow (53%)

Blue (75%)

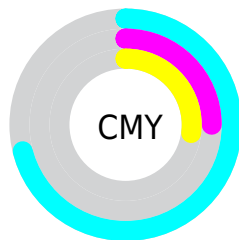


Cyan (61%)

Magenta (0%)

Yellow (2%)

Black (25%)



Cyan (71%)


Magenta (25%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 75, 134, 191 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 75, 134, 191 by changing the saturation by 10% instead.

 75, 134, 191

 75, 134, 191

255, 255, 255

 38, 102, 164

 136, 193, 248

 0, 69, 137


 165, 210, 255

 0, 56, 111

 195, 225, 255

 0, 44, 86


 225, 240, 255


 0, 31, 62

 0, 20, 40

 0, 6, 20

 0, 0, 0

 75, 134, 191

 75, 134, 191

■ 56, 125, 191

■ 94, 143, 191

■ 37, 115, 191

■ 113, 153, 191

■ 18, 106, 191

■ 132, 162, 191

■ 0, 97, 191

■ 151, 171, 191

■ 171, 181, 191

■ 190, 191, 191

■ 209, 191, 192

■ 228, 191, 192

■ 247, 191, 193

Harmonies

Analogous

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



110, 161, 190



75, 134, 191



68, 134, 215

Triad

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



75, 134, 191



195, 161, 219



200, 211, 115

Complementary

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



75, 134, 191



191, 75, 79

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.



230, 163, 133



75, 134, 191



224, 153, 193

Square

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



75, 134, 191



153, 168, 234



235, 151, 161



118, 182, 113

Rectangle

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



75, 134, 191



89, 146, 229



235, 151, 161



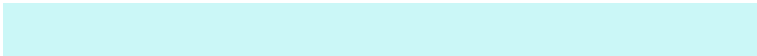
218, 197, 120

Sweetspot

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



75, 134, 191



203, 225, 247



75, 191, 185



97, 111, 125



252, 252, 252



125, 125, 125

Same Dimension

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



75, 134, 191



67, 159, 247



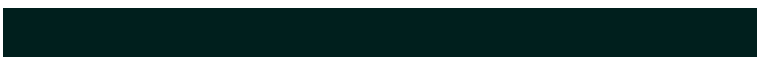
75, 116, 191



85, 90, 94



0, 80, 158



0, 16, 31

Inverse Universe

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



191, 75, 79



247, 67, 73



191, 169, 75



94, 85, 85



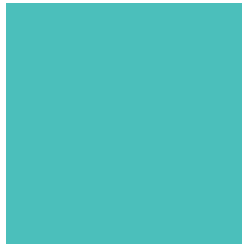
158, 0, 5



31, 0, 1

Previews

White Background



This preview shows how the RYB color 75, 134, 191 looks on a white background.

Color Contrast Check

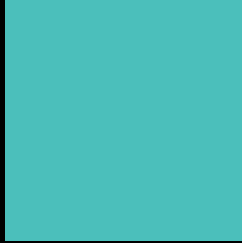
Large Text (above 18pt) WCAG AA × Fail

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 75, 134, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

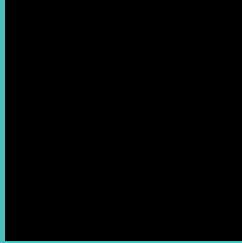
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

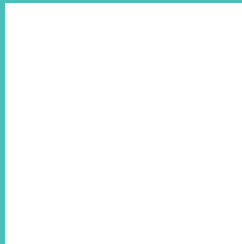
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 75, 134, 191 Background



This preview shows how black text looks on a background with the RYB color 75, 134, 191.

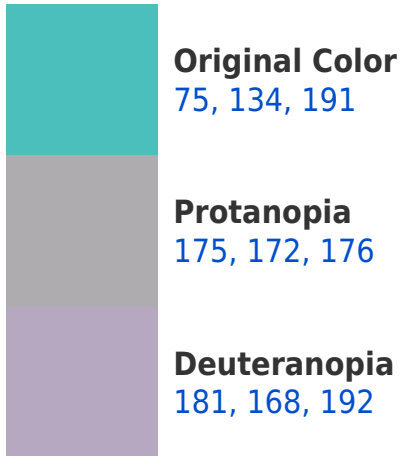


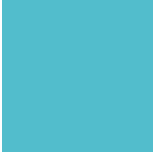
This preview shows how white text looks on a background with the RYB color 75, 134, 191.

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
82, 139, 204

Trichromacy



Original Color

75, 134, 191



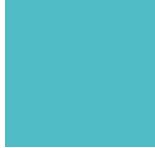
Protanomaly

139, 159, 180



Deuteranomaly

142, 162, 190



Tritanomaly

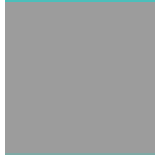
79, 136, 198

Monochromacy



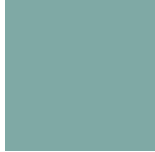
Original Color

75, 134, 191



Achromatopsia

156, 156, 156



Achromatomaly

127, 149, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 75, 134, 191 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(75, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(75, 191, 187)  
}
```

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(75, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 191, 187) }
```

Border

The CSS property to change the border of an element to RYB 75, 134, 191 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(75, 191, 187) }
```

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

```
.border{ border-color:rgb(75, 191, 187) }
```

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

Here you see how a box with a 4 pixel rgb(75, 191, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 191, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 191, 187);  
box-shadow:4px 4px 4px 4px rgb(75, 191,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 75, 134, 191 is called "background".

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

```
.background, #background, body{  
background: rgb(75, 191, 187) }
```

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

```
.background{ background-color: rgb(75, 191,  
187) }
```

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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