

Converting Colors

`RYB(95, 153, 237)`

Have a look what the booklet for
RYB(95, 153, 237) contains.

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Color

`RYB(95, 153, 237)`

Conversions

Conversions Part 1

Format	Color
Hex	5FC1ED
RGB	95, 193, 237
RGB Percent	37%, 76%, 93%
CMY	0.6275, 0.2430, 0.0706
CMYK	0.60, 0.19, 0.00, 0.07
HSL	199°, 80%, 65%
HSV	199°, 60%, 93%
XYZ	39.0859, 46.7083, 87.0763
YIQ	168.7140, -72.5320, -7.0920

Conversions

Conversions Part 2

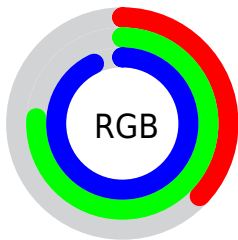
Format	Color
RYB	95, 153, 237
Decimal	6275565
CIELab	74.00, -16.13, -30.46
CIELCh	74, 34.469, 242.108
Yxy	46.7083, 0.2261, 0.2702
Android (android.graphics.Color)	4284465645 (0xFF5FC1ED)
YUV	168.7140, 33.6650, -64.6472
Hunter-Lab	68.3435, -17.5163, -27.7009

Details

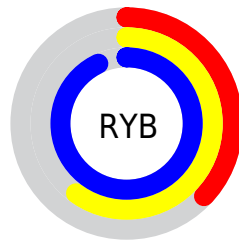
The RYB color **95, 153, 237** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **237, 159, 95**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **156, 204, 255**, and **6, 82, 181** is the 20% darker color. If you saturate the color by 10%, you get **71, 139, 237**, and if you desaturate by 10%, it is **119, 167, 237**.

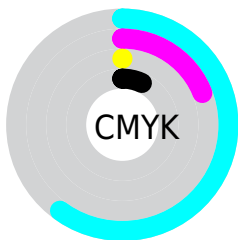
Distribution



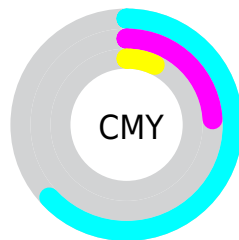
- Red (37%)
- Green (76%)
- Blue (93%)



- Red (37%)
- Yellow (60%)
- Blue (93%)



- Cyan (60%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



















- Cyan (63%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 153, 237 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 95, 153, 237 by changing the saturation by 10% instead.

 95, 153, 237	 95, 153, 237
 255, 255, 255	 61, 122, 209
 156, 204, 255	 6, 82, 181
 186, 221, 255	 0, 66, 154
 216, 236, 255	 0, 52, 128
 247, 251, 255	 0, 40, 103
	 0, 28, 78
	 0, 17, 55
	 0, 2, 34
	 0, 0, 7

■ 95, 153, 237

■ 95, 153, 237

■ 71, 139, 237

■ 119, 167, 237

■ 48, 125, 237

■ 142, 181, 237

■ 24, 111, 237

■ 166, 195, 237

■ 0, 97, 237

■ 190, 209, 237

■ 213, 223, 237

■ 237, 237, 237

■ 255, 248, 237

■ 241, 255, 237

■ 237, 255, 237

Harmonies

Analogous

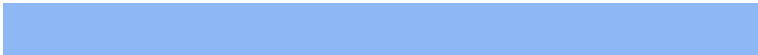
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72, 139, 214



95, 153, 237



142, 172, 245

Triad

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



95, 153, 237



242, 158, 181



127, 190, 149

Complementary

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



95, 153, 237



237, 159, 95

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.



144, 201, 118



95, 153, 237



243, 162, 150

Square

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



95, 153, 237



224, 163, 212



228, 202, 127



131, 181, 196

Rectangle

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



95, 153, 237



174, 177, 240



228, 202, 127



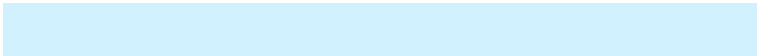
122, 187, 129

Sweetspot

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



95, 153, 237



209, 228, 255



95, 204, 237



99, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



95, 153, 237



71, 146, 255



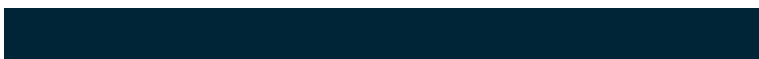
95, 118, 237



106, 111, 117



0, 74, 181



0, 22, 54

Inverse Universe

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



237, 95, 193



255, 71, 198



130, 237, 95



117, 106, 114



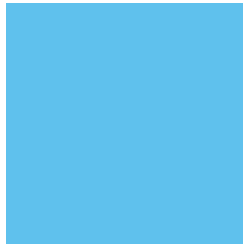
181, 0, 125



54, 0, 37

Previews

White Background



This preview shows how the RYB color 95, 153, 237 looks on a white background.

Color Contrast Check

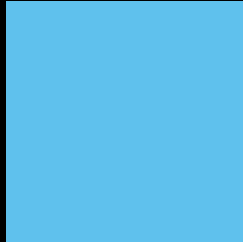
Large Text (above 18pt) WCAG AA × Fail

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 95, 153, 237 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 95, 153, 237 Background



This preview shows how black text looks on a background with the RYB color 95, 153, 237.



This preview shows how white text looks on a background with the RYB color 95, 153, 237.

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



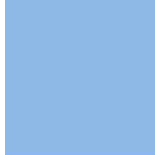


Tritanopia
84, 144, 213

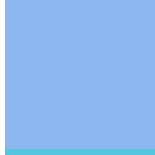
Trichromacy



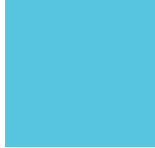
Original Color
95, 153, 237



Protanomaly
142, 171, 231



Deuteranomaly
140, 170, 239



Tritanomaly
88, 148, 222

Monochromacy



Original Color
95, 153, 237



Achromatopsia
169, 169, 169



Achromatomaly
142, 163, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 153, 237 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(95, 193, 237)` looks like.

```
.text, #text, p{  
    color:rgb(95, 193, 237)  
}
```

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(95, 193, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 193, 237) }
```

Border

The CSS property to change the border of an element to RYB 95, 153, 237 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(95, 193, 237) }
```

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

```
.border{ border-color:rgb(95, 193, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 193, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 193, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 193, 237);  
box-shadow:4px 4px 4px 4px rgb(95, 193,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 95, 193, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 193, 237) }
```

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

```
.background{ background-color: rgb(95, 193,  
237) }
```

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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