

Converting Colors

`RYB(94, 158, 243)`

Have a look what the booklet for RYB(94, 158, 243) contains.

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Color

`RYB(94, 158, 243)`

Conversions

Conversions Part 1

Format	Color
Hex	5ECE F3
RGB	94, 206, 243
RGB Percent	37%, 81%, 95%
CMY	0.6314, 0.1914, 0.0471
CMYK	0.61, 0.15, 0.00, 0.05
HSL	195°, 86%, 66%
HSV	195°, 61%, 95%
XYZ	42.9104, 53.0841, 92.7786
YIQ	176.7300, -78.6290, -12.2370

Conversions

Conversions Part 2

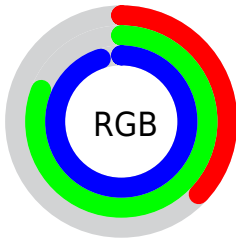
Format	Color
R _Y B	94, 158, 243
Decimal	6213363
CIE Lab	77.92, -21.28, -27.67
CIE LCh	78, 34.905, 232.441
Yxy	53.0841, 0.2273, 0.2812
Android (android.graphics.Color)	4284403443 (0xFF5ECE F3)
YUV	176.7300, 32.6711, -72.5542
Hunter-Lab	72.8588, -22.3748, -24.4989

Details

The RYB color **94, 158, 243** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **243, 143, 94**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **156, 206, 255**, and **0, 84, 187** is the 20% darker color. If you saturate the color by 10%, you get **70, 144, 243**, and if you desaturate by 10%, it is **118, 172, 243**.

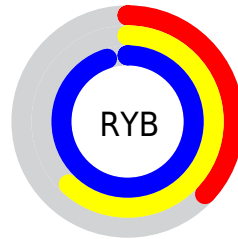
Distribution



Red (37%)

Green (81%)

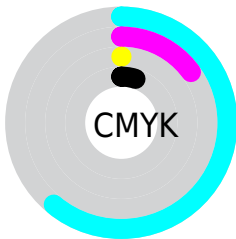
Blue (95%)



Red (37%)

Yellow (62%)

Blue (95%)

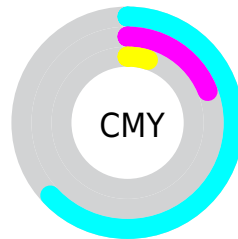


Cyan (61%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (63%)


Magenta (19%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 94, 158, 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 94, 158, 243 by changing the saturation by 10% instead.

 94, 158, 243

 94, 158, 243

255, 255, 255

 58, 126, 215

 157, 206, 255

 0, 84, 187

 187, 221, 255


 0, 70, 160

 217, 236, 255

 0, 57, 133

 248, 252, 255

 0, 45, 108

 0, 32, 84

 0, 21, 60

 0, 3, 39

 0, 1, 16

■ 94, 158, 243

■ 94, 158, 243

■ 70, 144, 243

■ 118, 172, 243

■ 45, 130, 243

■ 143, 186, 243

■ 21, 116, 243

■ 167, 200, 243

■ 0, 104, 243

■ 191, 213, 243

■ 215, 227, 243

■ 240, 241, 243

■ 255, 252, 243

■ 244, 255, 243

■ 243, 255, 243

Harmonies

Analogous

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



86, 149, 216



94, 158, 243



137, 177, 255

Triad

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



94, 158, 243



251, 169, 202



132, 198, 140

Complementary

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



94, 158, 243



243, 143, 94

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.



185, 223, 129



94, 158, 243



255, 169, 169

Square

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



94, 158, 243



226, 176, 232



247, 194, 143



152, 206, 205

Rectangle

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



94, 158, 243



170, 187, 255



247, 194, 143



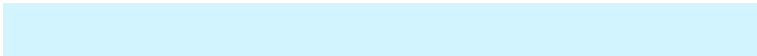
137, 202, 129

Sweetspot

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



94, 158, 243



209, 229, 255



94, 215, 243



99, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 158, 243



66, 147, 255



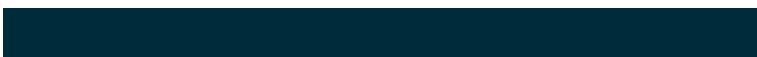
94, 126, 243



110, 115, 122



0, 80, 186



0, 25, 59

Inverse Universe

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



243, 94, 206



255, 66, 208



149, 243, 94



122, 110, 119



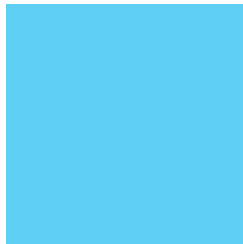
186, 0, 140



59, 0, 44

Previews

White Background



This preview shows how the RYB color 94, 158, 243 looks on a white background.

Color Contrast Check

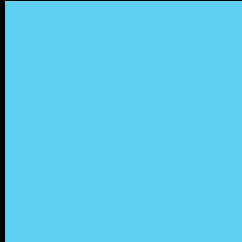
Large Text (above 18pt) WCAG AA × Fail

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 94, 158, 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](#).

R Y B 94, 158, 243 Background



This preview shows how black text looks on a background with the RYB color 94, 158, 243.

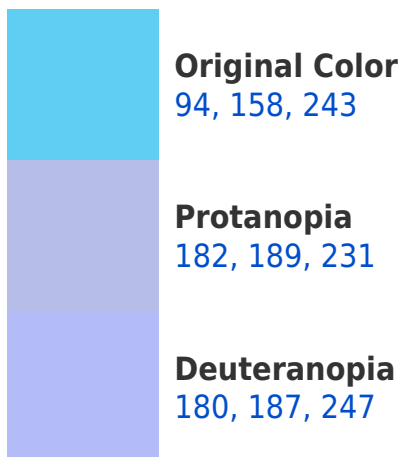


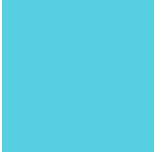
This preview shows how white text looks on a background with the RYB color 94, 158, 243.

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
86, 151, 226

Trichromacy



Original Color

94, 158, 243



Protanomaly

150, 180, 235



Deuteranomaly

149, 180, 246



Tritanomaly

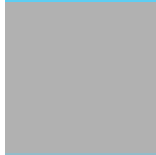
89, 154, 232

Monochromacy



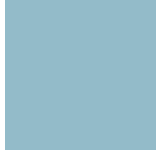
Original Color

94, 158, 243



Achromatopsia

177, 177, 177



Achromatomaly

147, 170, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 158, 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(94, 206, 243)` looks like.

```
.text, #text, p{  
    color:rgb(94, 206, 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(94, 206, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 206, 243) }
```

Border

The CSS property to change the border of an element to RYB 94, 158, 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(94, 206, 243) }
```

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

```
.border{ border-color:rgb(94, 206, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 206, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 206, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 206, 243);  
box-shadow:4px 4px 4px 4px rgb(94, 206,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 94, 158, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 206, 243) }
```

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

```
.background{ background-color: rgb(94, 206,  
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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