

Converting Colors

`RYB(95, 164, 242)`

Have a look what the booklet for RYB(95, 164, 242) contains.

RYB(95, 164, 242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(95, 164, 242)`

Conversions

Conversions Part 1

Format	Color
Hex	5FE1F2
RGB	95, 225, 242
RGB Percent	37%, 88%, 95%
CMY	0.6275, 0.1175, 0.0510
CMYK	0.61, 0.07, 0.00, 0.05
HSL	187°, 85%, 66%
HSV	187°, 61%, 95%
XYZ	47.6819, 62.7149, 93.5965
YIQ	188.0680, -82.9370, -22.2730

Conversions

Conversions Part 2

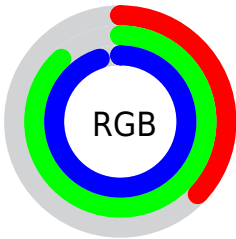
Format	Color
R _{YB}	95, 164, 242
Decimal	6283762
CIE Lab	83.29, -30.69, -18.97
CIE LCh	83, 36.083, 211.720
Yxy	62.7149, 0.2337, 0.3074
Android (android.graphics.Color)	4284473842 (0xFF5FE1F2)
YUV	188.0680, 26.5885, -81.6206
Hunter-Lab	79.1928, -31.1125, -14.6389

Details

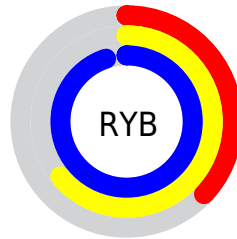
The RYB color **95, 164, 242** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **242, 114, 95**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **158, 207, 255**, and **0, 89, 186** is the 20% darker color. If you saturate the color by 10%, you get **71, 151, 242**, and if you desaturate by 10%, it is **119, 177, 242**.

Distribution



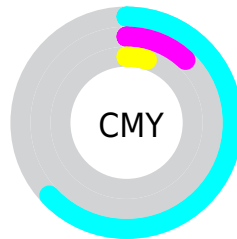
- Red (37%)
- Green (88%)
- Blue (95%)



- Red (37%)
- Yellow (64%)
- Blue (95%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



















- Cyan (63%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 164, 242 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, 164, 242 by changing the saturation by 10% instead.

 95, 164, 242	 95, 164, 242
 255, 255, 255	 58, 132, 214
 158, 207, 255	 0, 89, 186
 189, 222, 255	 0, 75, 159
 220, 238, 255	 0, 62, 133
 251, 253, 255	 0, 50, 108
	 0, 37, 83
	 0, 26, 60
	 0, 14, 38
	 0, 1, 17

■ 95, 164, 242

■ 95, 164, 242

■ 71, 151, 242

■ 119, 177, 242

■ 47, 138, 242

■ 143, 190, 242

■ 22, 125, 242

■ 168, 203, 242

■ 0, 114, 242

■ 192, 215, 242

■ 216, 228, 242

■ 240, 241, 242

■ 255, 246, 242

■ 255, 250, 242

■ 250, 255, 242

Harmonies

Analogous

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



115, 175, 226



95, 164, 242



117, 176, 255

Triad

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



95, 164, 242



252, 187, 240



170, 229, 139

Complementary

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



95, 164, 242



242, 114, 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.



255, 227, 149



95, 164, 242



255, 182, 207

Square

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



95, 164, 242



215, 198, 255



255, 187, 173



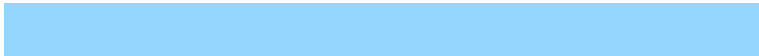
149, 216, 172

Rectangle

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



95, 164, 242



148, 189, 255



255, 187, 173



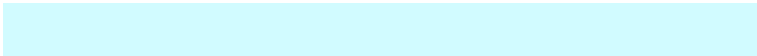
201, 240, 140

Sweetspot

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



95, 164, 242



209, 231, 255



95, 228, 242



99, 112, 128



0, 0, 0



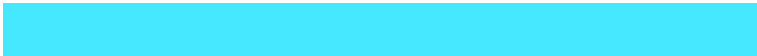
128, 128, 128

Same Dimension

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



95, 164, 242



69, 156, 255



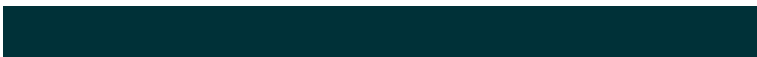
95, 137, 242



108, 113, 120



0, 86, 184



0, 26, 56

Inverse Universe

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



242, 95, 225



255, 69, 234



194, 242, 95



120, 108, 118



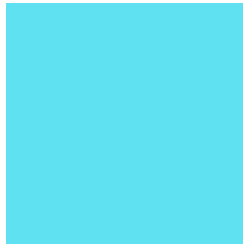
184, 0, 162



56, 0, 50

Previews

White Background



This preview shows how the RYB color 95, 164, 242 looks on a white background.

Color Contrast Check

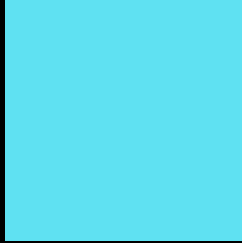
Large Text (above 18pt) WCAG AA × Fail

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, 164, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

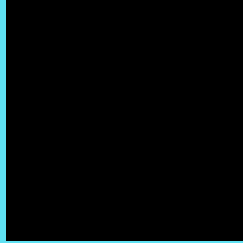
Any Text WCAG AA ✓ Pass

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 95, 164, 242 Background



This preview shows how black text looks on a background with the RYB color 95, 164, 242.

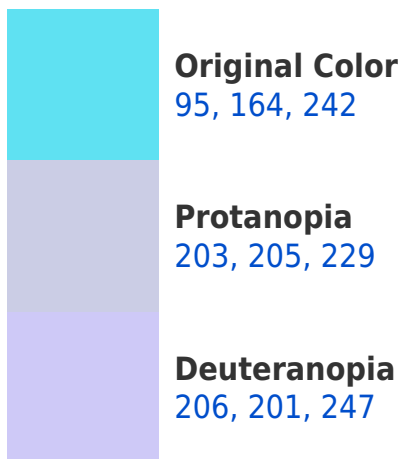


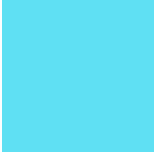
This preview shows how white text looks on a background with the RYB color 95, 164, 242.

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





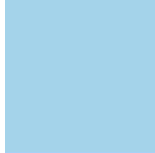
Tritanopia
95, 164, 243

Trichromacy



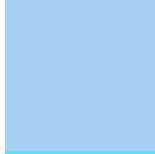
Original Color

95, 164, 242



Protanomaly

164, 192, 234



Deuteranomaly

166, 194, 245



Tritanomaly

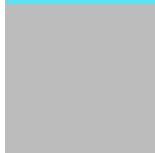
95, 164, 243

Monochromacy



Original Color

95, 164, 242



Achromatopsia

188, 188, 188



Achromatomaly

154, 179, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 164, 242 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, 225, 242)` looks like.

```
.text, #text, p{  
    color:rgb(95, 225, 242)  
}
```

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, 225, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 225, 242) }
```

Border

The CSS property to change the border of an element to RYB 95, 164, 242 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, 225, 242) }
```

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

```
.border{ border-color:rgb(95, 225, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 225, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 225, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 225, 242);  
box-shadow:4px 4px 4px 4px rgb(95, 225,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 95, 164, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 225, 242) }
```

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

```
.background{ background-color: rgb(95, 225,  
242) }
```

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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