

Converting Colors

`RYB(95, 156, 226)`

Have a look what the booklet for RYB(95, 156, 226) contains.

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Color

RYB(95, 156, 226)

Conversions

Conversions Part 1

Format	Color
Hex	5FD1E2
RGB	95, 209, 226
RGB Percent	37%, 82%, 89%
CMY	0.6275, 0.1798, 0.1137
CMYK	0.58, 0.07, 0.00, 0.11
HSL	188°, 69%, 63%
HSV	188°, 58%, 89%
XYZ	41.2858, 53.6020, 80.1217
YIQ	176.8520, -73.4010, -18.8810

Conversions

Conversions Part 2

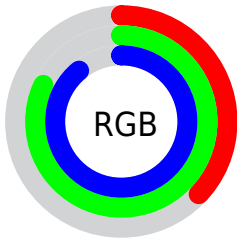
Format	Color
RYB	95, 156, 226
Decimal	6279650
CIELab	78.23, -27.49, -18.10
CIELCh	78, 32.915, 213.357
Yxy	53.6020, 0.2359, 0.3063
Android (android.graphics.Color)	4284469730 (0xFF5FD1E2)
YUV	176.8520, 24.2300, -71.7842
Hunter-Lab	73.2134, -27.4653, -13.6352

Details

The RYB color **95, 156, 226** 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 **226, 115, 95**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **156, 206, 255**, and **7, 85, 171** is the 20% darker color. If you saturate the color by 10%, you get **72, 144, 226**, and if you desaturate by 10%, it is **118, 168, 226**.

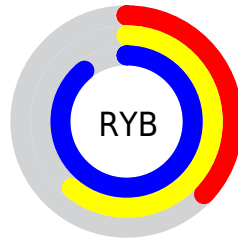
Distribution



Red (37%)

Green (82%)

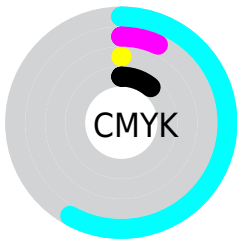
Blue (89%)



Red (37%)

Yellow (61%)

Blue (89%)

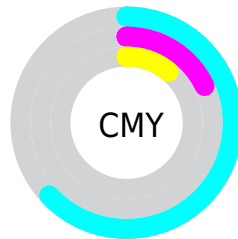


Cyan (58%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (63%)

















Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 156, 226 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, 156, 226 by changing the saturation by 10% instead.

 95, 156, 226	 95, 156, 226
 255, 255, 255	 61, 125, 198
 156, 206, 255	 7, 85, 171
 186, 221, 255	 0, 68, 144
 216, 236, 255	 0, 55, 118
 247, 251, 255	 0, 43, 94
	 0, 31, 70
	 0, 20, 48
	 0, 1, 27
	 0, 0, 0

■ 95, 156, 226

■ 95, 156, 226

■ 72, 144, 226

■ 118, 168, 226

■ 50, 132, 226

■ 140, 180, 226

■ 27, 120, 226

■ 163, 192, 226

■ 5, 108, 226

■ 185, 204, 226

■ 0, 105, 226

■ 208, 216, 226

■ 231, 227, 226

■ 253, 229, 226

■ 255, 234, 226

■ 255, 239, 226

Harmonies

Analogous

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



110, 164, 210



95, 156, 226



116, 169, 247

Triad

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



95, 156, 226



235, 175, 221



157, 212, 132

Complementary

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



95, 156, 226



226, 115, 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.



238, 214, 140



95, 156, 226



253, 171, 191

Square

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



95, 156, 226



202, 184, 245



253, 176, 161



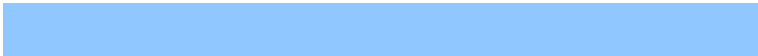
142, 202, 165

Rectangle

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



95, 156, 226



143, 180, 254



253, 176, 161



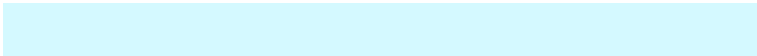
183, 221, 133

Sweetspot

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



95, 156, 226



212, 232, 255



95, 213, 226



102, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



95, 156, 226



77, 160, 255



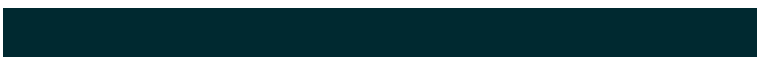
95, 131, 226



101, 106, 112



0, 82, 176



0, 22, 48

Inverse Universe

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



226, 95, 209



255, 77, 232



176, 226, 95



112, 101, 111



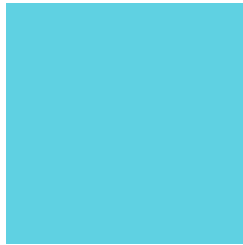
176, 0, 153



48, 0, 42

Previews

White Background



This preview shows how the RYB color 95, 156, 226 looks on a white background.

Color Contrast Check

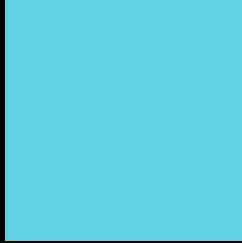
Large Text (above 18pt) WCAG AA × Fail

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, 156, 226 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, 156, 226 Background



This preview shows how black text looks on a background with the RYB color 95, 156, 226.

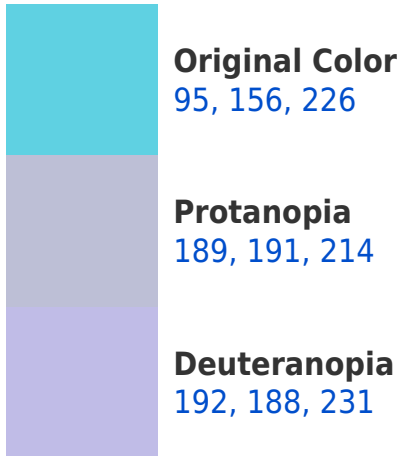


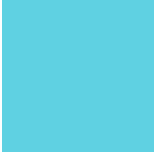
This preview shows how white text looks on a background with the RYB color 95, 156, 226.

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](#).

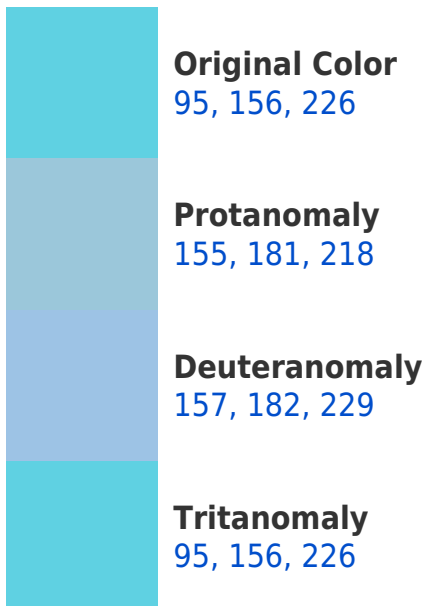
Dichromacy



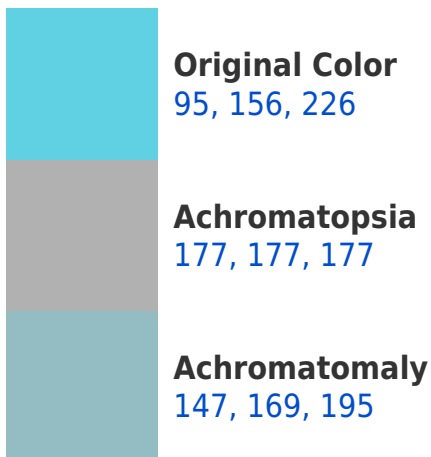


Tritanopia
95, 156, 226

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 156, 226 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, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(95, 209, 226)  
}
```

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, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 209, 226) }
```

Border

The CSS property to change the border of an element to RYB 95, 156, 226 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, 209, 226) }
```

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

```
.border{ border-color:rgb(95, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(95, 209,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 95, 156, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 209, 226) }
```

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

```
.background{ background-color: rgb(95, 209,  
226) }
```

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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