

Converting Colors

`RYB(95, 128, 195)`

Have a look what the booklet for RYB(95, 128, 195) contains.

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Color

R_YB(95, 128, 195)

Conversions

Conversions Part 1

Format	Color
Hex	5F90C3
RGB	95, 144, 195
RGB Percent	37%, 56%, 76%
CMY	0.6275, 0.4343, 0.2353
CMYK	0.51, 0.26, 0.00, 0.24
HSL	210°, 45%, 57%
HSV	210°, 51%, 76%
XYZ	24.5814, 26.3965, 55.4292
YIQ	135.1630, -45.5750, 5.4730

Conversions

Conversions Part 2

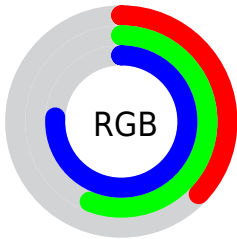
Format	Color
R _Y B	95, 128, 195
Decimal	6262979
CIE Lab	58.41, -2.18, -31.40
CIE LCh	58, 31.474, 266.032
Yxy	26.3965, 0.2310, 0.2481
Android (android.graphics.Color)	4284453059 (0xFF5F90C3)
YUV	135.1630, 29.4996, -35.2230
Hunter-Lab	51.3775, -4.5080, -28.0014

Details

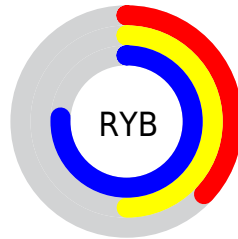
The RYB color **95, 128, 195** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **191, 195, 95**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **151, 183, 252**, and **36, 73, 141** is the 20% darker color. If you saturate the color by 10%, you get **76, 115, 195**, and if you desaturate by 10%, it is **115, 141, 195**.

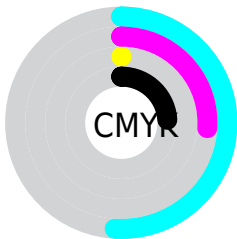
Distribution



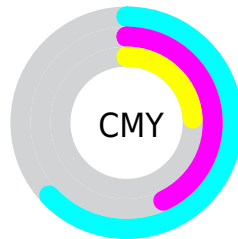
- Red (37%)
- Green (56%)
- Blue (76%)



- Red (37%)
- Yellow (50%)
- Blue (76%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)





- Cyan (63%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 95, 128, 195 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, 128, 195 by changing the saturation by 10% instead.

 95, 128, 195

 95, 128, 195

255, 255, 255

 67, 101, 168

 151, 183, 252

 36, 73, 141

 179, 208, 255

 0, 44, 115

 208, 231, 255

 0, 32, 91


 237, 246, 255


 0, 20, 67

 0, 3, 44

 0, 1, 23

 0, 0, 0

 95, 128, 195

 95, 128, 195

■ 76, 115, 195

■ 115, 141, 195

■ 56, 102, 195

■ 134, 154, 195

■ 37, 89, 195

■ 154, 167, 195

■ 17, 76, 195

■ 173, 180, 195

■ 0, 64, 195

■ 193, 194, 195

■ 210, 212, 195

■ 230, 232, 195

■ 251, 251, 195

■ 230, 255, 195

Harmonies

Analogous

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



49, 107, 185



95, 128, 195



139, 135, 190

Triad

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



95, 128, 195



194, 121, 118



102, 146, 152

Complementary

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



95, 128, 195



191, 195, 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.



90, 146, 102



95, 128, 195



183, 147, 96

Square

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



95, 128, 195



191, 119, 145



120, 162, 85



66, 116, 155

Rectangle

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



95, 128, 195



162, 128, 179



120, 162, 85



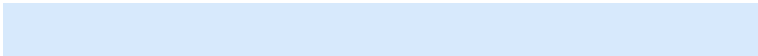
101, 150, 138

Sweetspot

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



95, 128, 195



215, 227, 252



95, 162, 195



105, 112, 128



0, 0, 0



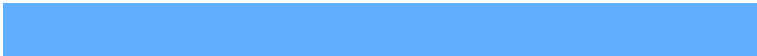
128, 128, 128

Same Dimension

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



95, 128, 195



96, 148, 252



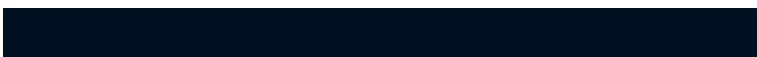
95, 95, 195



87, 90, 97



0, 53, 161



0, 11, 33

Inverse Universe

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



195, 95, 144



252, 96, 173



95, 195, 95



97, 87, 92



161, 0, 79



33, 0, 16

Previews

White Background



This preview shows how the RYB color 95, 128, 195 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 128, 195 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

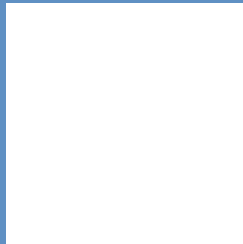
Any Text WCAG AAA × Fail

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

R Y B 95, 128, 195 Background



This preview shows how black text looks on a background with the RYB color 95, 128, 195.

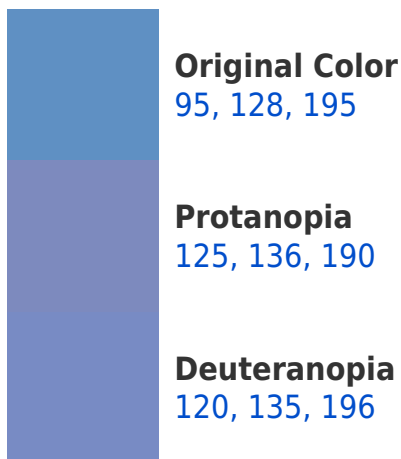


This preview shows how white text looks on a background with the RYB color 95, 128, 195.

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](#).

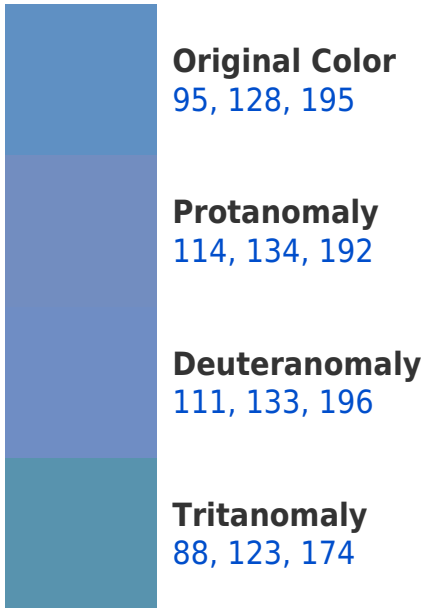
Dichromacy



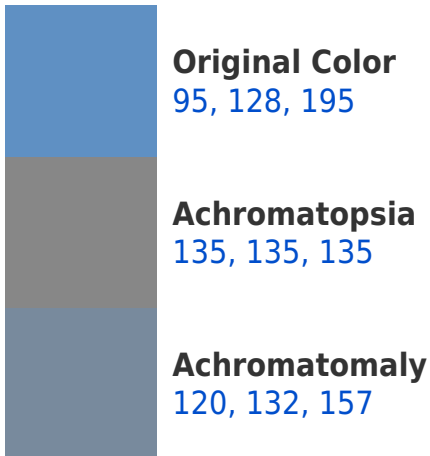


Tritanopia
84, 120, 162

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 128, 195 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, 144, 195)` looks like.

```
.text, #text, p{  
    color:rgb(95, 144, 195)  
}
```

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, 144, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 144, 195) }
```

Border

The CSS property to change the border of an element to RYB 95, 128, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

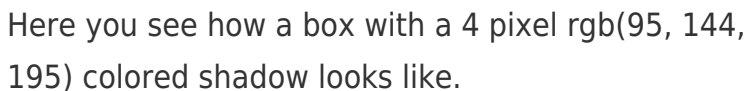
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 144, 195) }
```

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

```
.border{ border-color:rgb(95, 144, 195) }
```

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



Here you see how a box with a 4 pixel rgb(95, 144, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 144, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 144, 195);  
box-shadow:4px 4px 4px 4px rgb(95, 144,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 95, 128, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 144, 195) }
```

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

```
.background{ background-color: rgb(95, 144,  
195) }
```

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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