

Converting Colors

`RYB(85, 162, 194)`

Have a look what the booklet for
RYB(85, 162, 194) contains.

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Color

RYB(85, 162, 194)

Conversions

Conversions Part 1

Format	Color
Hex	55C282
RGB	85, 194, 130
RGB Percent	33%, 76%, 51%
CMY	0.6667, 0.2392, 0.4890
CMYK	0.56, 0.00, 0.33, 0.24
HSL	145°, 47%, 55%
HSV	145°, 56%, 76%
XYZ	27.0874, 42.1346, 27.9295
YIQ	154.1130, -44.4200, -43.0120

Conversions

Conversions Part 2

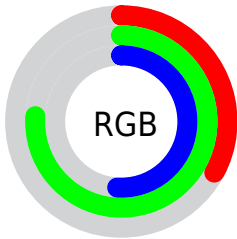
Format	Color
RYB	85, 162, 194
Decimal	5620354
CIELab	70.96, -45.80, 22.86
CIELCh	71, 51.193, 153.476
Yxy	42.1346, 0.2788, 0.4337
Android (android.graphics.Color)	4283810434 (0xFF55C282)
YUV	154.1130, -11.8877, -60.6121
Hunter-Lab	64.9112, -39.1065, 19.9270

Details

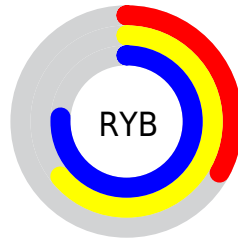
The RYB color **85, 162, 194** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **194, 85, 149**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **143, 222, 251**, and **11, 94, 139** is the 20% darker color. If you saturate the color by 10%, you get **66, 157, 194**, and if you desaturate by 10%, it is **104, 167, 194**.

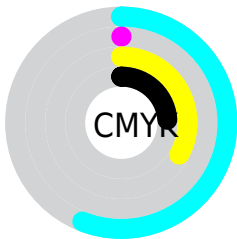
Distribution



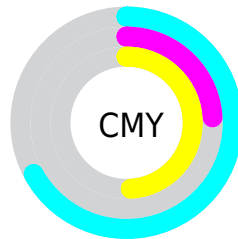
- Red (33%)
- Green (76%)
- Blue (51%)



- Red (33%)
- Yellow (64%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)





- Cyan (67%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 85, 162, 194 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 85, 162, 194 by changing the saturation by 10% instead.

 85, 162, 194

 85, 162, 194

255, 255, 255

 54, 131, 166

 143, 221, 251

 11, 94, 139

 171, 228, 255

 0, 75, 113

 200, 232, 255

 0, 63, 88


 230, 243, 255


 0, 53, 63

 0, 42, 42

 0, 7, 7

 0, 0, 0

 85, 162, 194

 85, 162, 194

■ 66, 157, 194

■ 104, 167, 194

■ 46, 150, 194

■ 124, 173, 194

■ 27, 145, 194

■ 143, 179, 194

■ 7, 139, 194

■ 163, 185, 194

■ 0, 137, 194

■ 182, 190, 194

■ 201, 194, 198

■ 221, 194, 210

■ 240, 194, 221

■ 255, 194, 232

Harmonies

Analogous

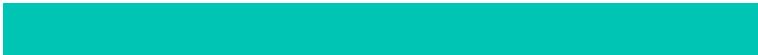
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93, 186, 131



85, 162, 194



0, 103, 197

Triad

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



85, 162, 194



101, 152, 255



255, 142, 125

Complementary

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



85, 162, 194



194, 85, 149

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, 134, 170



85, 162, 194



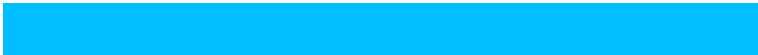
184, 159, 252

Square

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



85, 162, 194



0, 109, 255



236, 142, 216



234, 212, 90

Rectangle

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



85, 162, 194



0, 101, 209



236, 142, 216



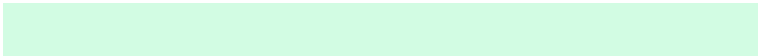
255, 137, 139

Sweetspot

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



85, 162, 194



210, 240, 252



85, 194, 129



102, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



85, 162, 194



83, 202, 252



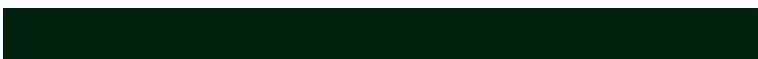
85, 142, 194



87, 94, 97



0, 114, 161



0, 23, 33

Inverse Universe

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



194, 85, 149



252, 83, 182



194, 85, 96



97, 87, 93



161, 0, 94



33, 0, 19

Previews

White Background



This preview shows how the RYB color 85, 162, 194 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 85, 162, 194 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 85, 162, 194 Background



This preview shows how black text looks on a background with the RYB color 85, 162, 194.

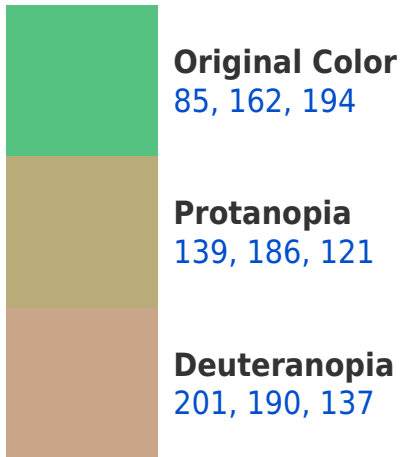


This preview shows how white text looks on a background with the RYB color 85, 162, 194.

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
105, 148, 200

Trichromacy



Original Color

85, 162, 194



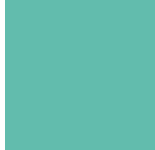
Protanomaly

124, 180, 155



Deuteranomaly

135, 176, 152



Tritanomaly

98, 147, 188

Monochromacy



Original Color

85, 162, 194



Achromatopsia

154, 154, 154



Achromatomaly

129, 158, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 85, 162, 194 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(85, 194, 130)` looks like.

```
.text, #text, p{  
    color:rgb(85, 194, 130)  
}
```

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(85, 194, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 194, 130) }
```

Border

The CSS property to change the border of an element to RYB 85, 162, 194 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(85, 194, 130) }
```

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

```
.border{ border-color:rgb(85, 194, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 194, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 194, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 194, 130);  
box-shadow:4px 4px 4px 4px rgb(85, 194,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 85, 162, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 194, 130) }
```

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

```
.background{ background-color: rgb(85, 194,  
130) }
```

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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