

Converting Colors

`RYB(94, 170, 194)`

Have a look what the booklet for
RYB(94, 170, 194) contains.

RYB(94, 170, 194)	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(94, 170, 194)`

Conversions

Conversions Part 1

Format	Color
Hex	5EC27E
RGB	94, 194, 126
RGB Percent	37%, 76%, 49%
CMY	0.6314, 0.2392, 0.5075
CMYK	0.52, 0.00, 0.35, 0.24
HSL	139°, 45%, 56%
HSV	139°, 52%, 76%
XYZ	27.6467, 42.4588, 26.3347
YIQ	156.3480, -37.7720, -42.3480

Conversions

Conversions Part 2

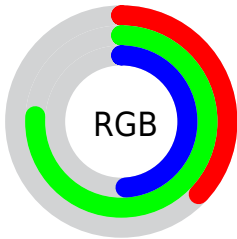
Format	Color
RYB	94, 170, 194
Decimal	6210174
CIELab	71.19, -44.51, 25.71
CIELCh	71, 51.406, 149.990
Yxy	42.4588, 0.2867, 0.4403
Android (android.graphics.Color)	4284400254 (0xFF5EC27E)
YUV	156.3480, -14.9616, -54.6792
Hunter-Lab	65.1604, -38.2956, 21.6501

Details

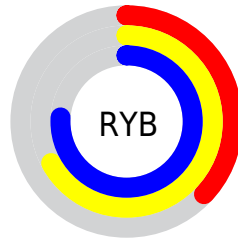
The RYB color **94, 170, 194** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **194, 94, 162**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **150, 228, 251**, and **32, 108, 139** is the 20% darker color. If you saturate the color by 10%, you get **75, 166, 194**, and if you desaturate by 10%, it is **113, 174, 194**.

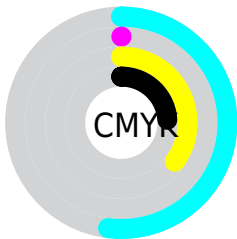
Distribution



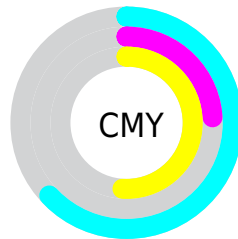
- Red (37%)
- Green (76%)
- Blue (49%)



- Red (37%)
- Yellow (67%)
- Blue (76%)



- Cyan (52%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)





- Cyan (63%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 94, 170, 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 94, 170, 194 by changing the saturation by 10% instead.

 94, 170, 194

 94, 170, 194

255, 255, 255

 65, 140, 166

 150, 228, 251

 32, 108, 139

 179, 235, 255

 0, 77, 113

 208, 238, 255

 0, 66, 88


 237, 246, 255


 0, 59, 64


 0, 42, 42

 0, 8, 8


 0, 0, 0


 94, 170, 194


 94, 170, 194

 75, 166, 194


 113, 174, 194

 55, 161, 194

 133, 180, 194


 36, 156, 194


 152, 184, 194


 16, 151, 194

 172, 189, 194

 0, 148, 194

 191, 193, 194

 210, 194, 205

 230, 194, 218

 249, 194, 232

 255, 194, 245

Harmonies

Analogous

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



90, 185, 121



94, 170, 194



0, 106, 198

Triad

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



94, 170, 194



88, 147, 255



255, 141, 130

Complementary

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



94, 170, 194



194, 94, 162

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, 135, 176



94, 170, 194



177, 162, 255

Square

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



94, 170, 194



0, 109, 255



232, 144, 222



239, 199, 94

Rectangle

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



94, 170, 194



0, 101, 205



232, 144, 222



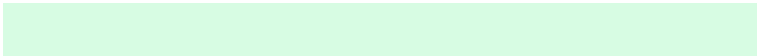
255, 136, 145

Sweetspot

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



94, 170, 194



215, 243, 252



94, 194, 124



105, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 170, 194



96, 215, 252



94, 150, 194



87, 95, 97



0, 122, 161



0, 25, 33

Inverse Universe

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



194, 94, 162



252, 96, 203



194, 94, 114



97, 87, 94



161, 0, 110



33, 0, 23

Previews

White Background



This preview shows how the RYB color 94, 170, 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 94, 170, 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 94, 170, 194 Background



This preview shows how black text looks on a background with the RYB color 94, 170, 194.

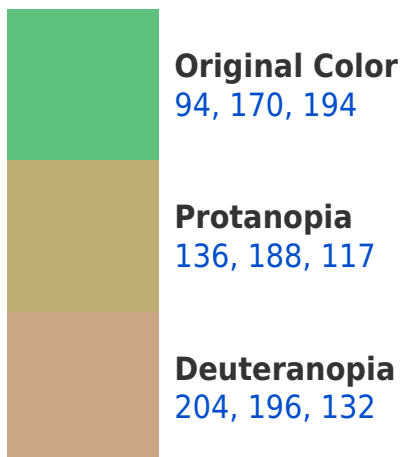


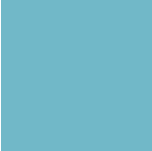
This preview shows how white text looks on a background with the RYB color 94, 170, 194.

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
113, 152, 200

Trichromacy



Original Color

94, 170, 194



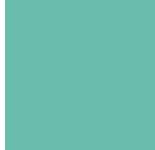
Protanomaly

120, 181, 147



Deuteranomaly

130, 176, 142



Tritanomaly

106, 151, 188

Monochromacy



Original Color

94, 170, 194



Achromatopsia

156, 156, 156



Achromatomaly

133, 161, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 170, 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(94, 194, 126)` looks like.

```
.text, #text, p{  
    color:rgb(94, 194, 126)  
}
```

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, 194, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 194, 126) }
```

Border

The CSS property to change the border of an element to RYB 94, 170, 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(94, 194, 126) }
```

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

```
.border{ border-color:rgb(94, 194, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 194, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 194, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 194, 126);  
box-shadow:4px 4px 4px 4px rgb(94, 194,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 94, 170, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 194, 126) }
```

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

```
.background{ background-color: rgb(94, 194,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor