

Converting Colors

`RYB(94, 202, 212)`

Have a look what the booklet for
RYB(94, 202, 212) contains.

RYB(94, 202, 212)	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

R_YB(94, 202, 212)

Conversions

Conversions Part 1

Format	Color
Hex	5ED469
RGB	94, 212, 105
RGB Percent	37%, 83%, 41%
CMY	0.6314, 0.1686, 0.5885
CMYK	0.56, 0.00, 0.51, 0.17
HSL	126°, 58%, 60%
HSV	126°, 56%, 83%
XYZ	30.7056, 50.4850, 21.4709
YIQ	164.5200, -35.9810, -58.2930

Conversions

Conversions Part 2

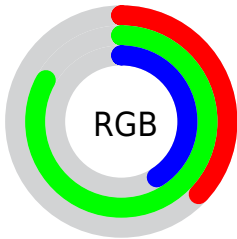
Format	Color
RYB	94, 202, 212
Decimal	6214761
CIELab	76.37, -55.05, 42.84
CIELCh	76, 69.755, 142.109
Yxy	50.4850, 0.2991, 0.4918
Android (android.graphics.Color)	4284404841 (0xFF5ED469)
YUV	164.5200, -29.3434, -61.8460
Hunter-Lab	71.0528, -47.2035, 31.8206

Details

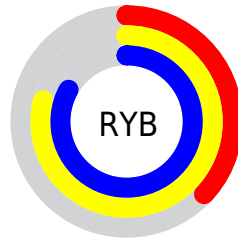
The RYB color **94, 202, 212** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **212, 94, 201**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **153, 250, 255**, and **20, 129, 156** is the 20% darker color. If you saturate the color by 10%, you get **73, 200, 212**, and if you desaturate by 10%, it is **115, 204, 212**.

Distribution



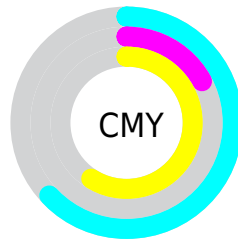
- Red (37%)
- Green (83%)
- Blue (41%)



- Red (37%)
- Yellow (79%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (51%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 202, 212 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, 202, 212 by changing the saturation by 10% instead.



94, 202, 212



94, 202, 212

255, 255, 255



62, 169, 184



153, 250, 255



20, 129, 156



182, 251, 255



0, 106, 129



212, 253, 255



0, 103, 103



242, 254, 255



0, 78, 78



0, 54, 54



0, 30, 30



0, 0, 0




94, 202, 212




94, 202, 212

 73, 200, 212

 115, 204, 212

 52, 199, 212

 136, 206, 212

 30, 196, 212

 158, 207, 212

 9, 195, 212

 179, 209, 212

 0, 194, 212

 200, 211, 212

 221, 212, 220

 242, 212, 240

 255, 212, 255

Harmonies

Analogous

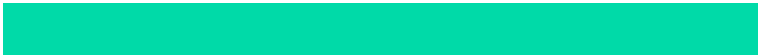
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57, 199, 80



94, 202, 212



0, 123, 218

Triad

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



94, 202, 212



0, 112, 255



255, 132, 144

Complementary

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



94, 202, 212



212, 94, 201

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, 130, 208



94, 202, 212



159, 175, 255

Square

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



94, 202, 212



0, 116, 255



250, 151, 255



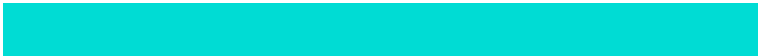
255, 198, 87

Rectangle

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



94, 202, 212



0, 112, 220



250, 151, 255



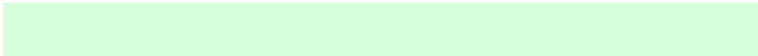
255, 128, 165

Sweetspot

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



94, 202, 212



212, 251, 255



94, 212, 104



102, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 202, 212



84, 240, 255



94, 168, 212



96, 106, 107



0, 156, 171



0, 39, 43

Inverse Universe

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



212, 94, 201



255, 84, 239



212, 94, 143



107, 96, 106



171, 0, 155



43, 0, 39

Previews

White Background



This preview shows how the RYB color 94, 202, 212 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, 202, 212 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 94, 202, 212 Background



This preview shows how black text looks on a background with the R/Y/B color 94, 202, 212.

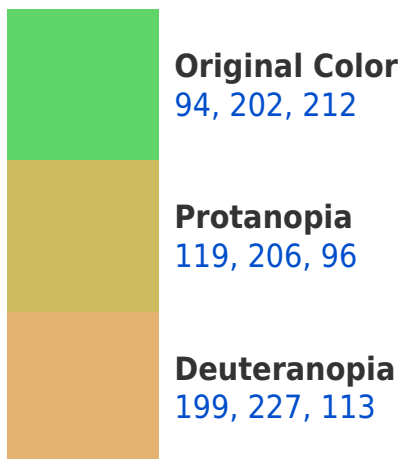


This preview shows how white text looks on a background with the R/Y/B color 94, 202, 212.

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
121, 164, 216

Trichromacy



Original Color

94, 202, 212



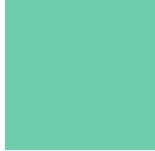
Protanomaly

99, 196, 130



Deuteranomaly

110, 190, 121



Tritanomaly

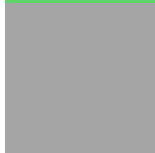
111, 166, 204

Monochromacy



Original Color

94, 202, 212



Achromatopsia

165, 165, 165



Achromatomaly

139, 178, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 202, 212 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, 212, 105)` looks like.

```
.text, #text, p{  
    color:rgb(94, 212, 105)  
}
```

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, 212, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 212, 105) }
```

Border

The CSS property to change the border of an element to RYB 94, 202, 212 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, 212, 105) }
```

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

```
.border{ border-color:rgb(94, 212, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 212, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 212, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 212, 105);  
box-shadow:4px 4px 4px 4px rgb(94, 212,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 94, 202, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 212, 105) }
```

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

```
.background{ background-color: rgb(94, 212,  
105) }
```

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