

Converting Colors

`RYB(94, 212, 197)`

Have a look what the booklet for
RYB(94, 212, 197) contains.

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Color

RYB(94, 212, 197)

Conversions

Conversions Part 1

Format	Color
Hex	6DD45E
RGB	109, 212, 94
RGB Percent	43%, 83%, 37%
CMY	0.5725, 0.1686, 0.6314
CMYK	0.49, 0.00, 0.56, 0.17
HSL	112°, 58%, 60%
HSV	112°, 56%, 83%
XYZ	31.8705, 51.1463, 18.7822
YIQ	167.7510, -23.5100, -58.5340

Conversions

Conversions Part 2

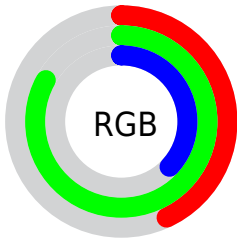
Format	Color
RYB	94, 212, 197
Decimal	7197790
CIELab	76.77, -52.49, 48.61
CIElCh	77, 71.545, 137.200
Yxy	51.1463, 0.3131, 0.5024
Android (android.graphics.Color)	4285387870 (0xFF6DD45E)
YUV	167.7510, -36.3592, -51.5246
Hunter-Lab	71.5167, -45.6078, 34.4906

Details

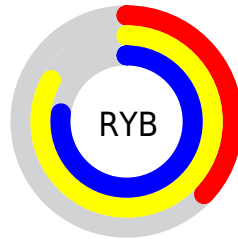
The RYB color **94, 212, 197** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **197, 94, 212**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **147, 255, 235**, and **41, 156, 150** is the 20% darker color. If you saturate the color by 10%, you get **73, 212, 195**, and if you desaturate by 10%, it is **115, 212, 199**.

Distribution



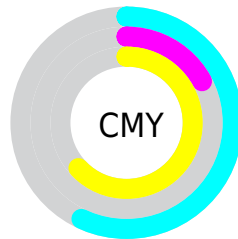
- Red (43%)
- Green (83%)
- Blue (37%)



- Red (37%)
- Yellow (83%)
- Blue (77%)



- Cyan (49%)
- Magenta (0%)
- Yellow (56%)
- Black (17%)



- Cyan (57%)
- Magenta (17%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 212, 197 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, 212, 197 by changing the saturation by 10% instead.



94, 212, 197



94, 212, 197

255, 255, 255



68, 184, 173



147, 255, 235



41, 156, 150



175, 255, 234



0, 122, 130



203, 255, 232



0, 104, 104



232, 255, 232



0, 78, 78



0, 55, 55



0, 31, 31



0, 0, 0



94, 212, 197



94, 212, 197

■ 73, 212, 195

■ 115, 212, 199

■ 52, 212, 192

■ 136, 212, 202

■ 30, 212, 189

■ 158, 212, 205

■ 9, 212, 186

■ 179, 212, 208

■ 0, 212, 185

■ 200, 212, 210

■ 220, 212, 221

■ 239, 212, 242

■ 255, 212, 255

Harmonies

Analogous

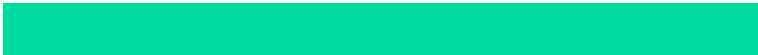
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48, 198, 58



94, 212, 197



0, 127, 219

Triad

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



94, 212, 197



0, 114, 255



255, 129, 154

Complementary

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



94, 212, 197



197, 94, 212

Split Complementary

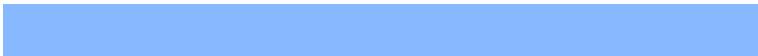
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 131, 221



94, 212, 197



136, 170, 255

Square

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



94, 212, 197



0, 117, 255



241, 155, 255



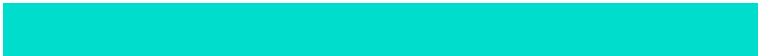
255, 178, 94

Rectangle

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



94, 212, 197



0, 115, 221



241, 155, 255



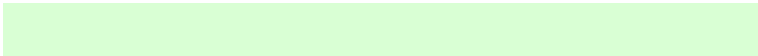
255, 126, 176

Sweetspot

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



94, 212, 197



212, 255, 250



113, 212, 94



102, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



94, 212, 197



84, 255, 233



94, 180, 212



96, 107, 105



0, 171, 149



0, 43, 37

Inverse Universe

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



197, 94, 212



233, 84, 255



212, 94, 169



106, 96, 107



149, 0, 171



38, 0, 43

Previews

White Background



This preview shows how the RYB color 94, 212, 197 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, 212, 197 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, 212, 197 Background



This preview shows how black text looks on a background with the RYB color 94, 212, 197.

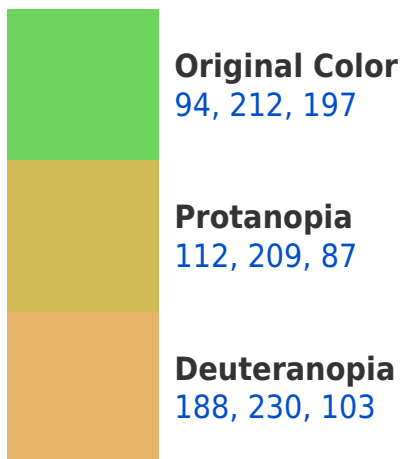


This preview shows how white text looks on a background with the RYB color 94, 212, 197.

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
133, 170, 215

Trichromacy



Original Color

94, 212, 197



Protanomaly

90, 197, 114



Deuteranomaly

100, 191, 105



Tritanomaly

124, 174, 204

Monochromacy



Original Color

94, 212, 197



Achromatopsia

168, 168, 168



Achromatomaly

141, 184, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 212, 197 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(109, 212, 94)` looks like.

```
.text, #text, p{  
    color:rgb(109, 212, 94)  
}
```

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(109, 212, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 212, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 212, 197 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(109, 212, 94) }
```

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

```
.border{ border-color:rgb(109, 212, 94) }
```

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

Here you see how a box with a 4 pixel rgb(109, 212, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 212, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 212, 94);  
box-shadow:4px 4px 4px 4px rgb(109, 212,  
94) }
```

Background

The CSS property to change the background color of an element to RGB 94, 212, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 212, 94) }
```

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

```
.background{ background-color: rgb(109,  
212, 94) }
```

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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