

Converting Colors

`RYB(95, 211, 163)`

Have a look what the booklet for
RYB(95, 211, 163) contains.

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Color

RYB(95, 211, 163)

Conversions

Conversions Part 1

Format	Color
Hex	8FD35F
RGB	143, 211, 95
RGB Percent	56%, 83%, 37%
CMY	0.4392, 0.1725, 0.6275
CMYK	0.32, 0.00, 0.55, 0.17
HSL	95°, 57%, 60%
HSV	95°, 55%, 83%
XYZ	36.6875, 53.2544, 19.1720
YIQ	177.4440, -3.2920, -50.4920

Conversions

Conversions Part 2

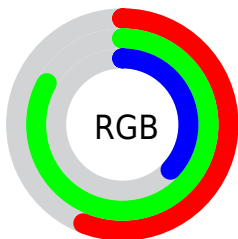
Format	Color
RYB	95, 211, 163
Decimal	9425759
CIELab	78.02, -41.23, 50.01
CIElCh	78, 64.816, 129.500
Yxy	53.2544, 0.3362, 0.4881
Android (android.graphics.Color)	4287615839 (0xFF8FD35F)
YUV	177.4440, -40.6449, -30.2074
Hunter-Lab	72.9756, -37.9688, 35.5064

Details

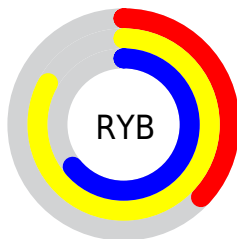
The RYB color **95, 211, 163** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **163, 95, 211**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **148, 255, 203**, and **42, 156, 110** is the 20% darker color. If you saturate the color by 10%, you get **74, 211, 154**, and if you desaturate by 10%, it is **116, 211, 172**.

Distribution



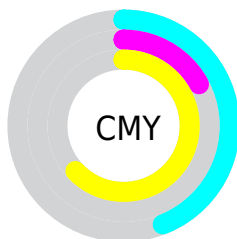
- Red (56%)
- Green (83%)
- Blue (37%)



- Red (37%)
- Yellow (83%)
- Blue (64%)



- Cyan (32%)
- Magenta (0%)
- Yellow (55%)
- Black (17%)



- Cyan (44%)
- Magenta (17%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 211, 163 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, 211, 163 by changing the saturation by 10% instead.

 95, 211, 163

255, 255, 255


 148, 255, 203


 176, 255, 202


 204, 255, 204


 233, 255, 233

 95, 211, 163

 69, 183, 137

 42, 156, 110

 9, 129, 78


 0, 104, 74

 0, 79, 79

 0, 55, 55

 0, 35, 35

 0, 0, 0

 95, 211, 163


 95, 211, 163

 74, 211, 154

 116, 211, 172

 53, 211, 146

 137, 211, 180

 32, 211, 137

 158, 211, 189

 11, 211, 128

 179, 211, 198

 0, 211, 124

 201, 211, 207

 217, 211, 222

 230, 211, 243

 242, 211, 255

 254, 211, 255

Harmonies

Analogous

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



78, 208, 65



95, 211, 163



17, 140, 220

Triad

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



95, 211, 163



0, 115, 255



255, 139, 176

Complementary

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



95, 211, 163



163, 95, 211

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, 146, 236



95, 211, 163



115, 165, 255

Square

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



95, 211, 163



0, 118, 255



222, 169, 255



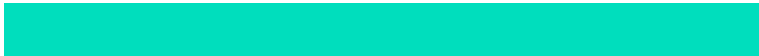
255, 163, 119

Rectangle

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



95, 211, 163



0, 120, 222



222, 169, 255



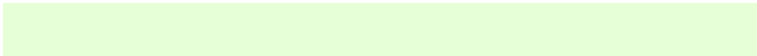
255, 139, 196

Sweetspot

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



95, 211, 163



214, 255, 238



177, 211, 95



103, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



95, 211, 163



87, 255, 186



95, 202, 211



94, 105, 101



0, 168, 98



0, 41, 24

Inverse Universe

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



163, 95, 211



185, 87, 255



211, 95, 201



100, 94, 105



99, 0, 168



24, 0, 41

Previews

White Background



This preview shows how the RYB color 95, 211, 163 looks on a white background.

Color Contrast Check

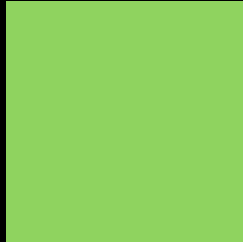
Large Text (above 18pt) WCAG AA × Fail

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 95, 211, 163 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 95, 211, 163 Background



This preview shows how black text looks on a background with the RYB color 95, 211, 163.

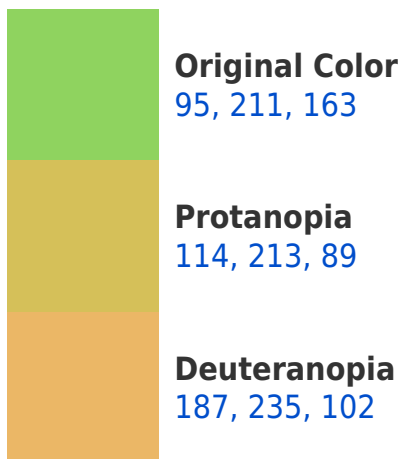


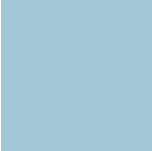
This preview shows how white text looks on a background with the RYB color 95, 211, 163.

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
161, 183, 214

Trichromacy



Original Color

95, 211, 163



Protanomaly

91, 199, 102



Deuteranomaly

109, 202, 99



Tritanomaly

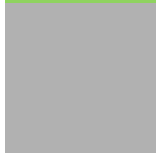
154, 190, 203

Monochromacy



Original Color

95, 211, 163



Achromatopsia

177, 177, 177



Achromatomaly

147, 189, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 211, 163 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(143, 211, 95)` looks like.

```
.text, #text, p{  
    color:rgb(143, 211, 95)  
}
```

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(143, 211, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 211, 95) }
```

Border

The CSS property to change the border of an element to RYB 95, 211, 163 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(143, 211, 95) }
```

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

```
.border{ border-color:rgb(143, 211, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 211, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 211, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 211, 95);  
box-shadow:4px 4px 4px 4px rgb(143, 211,  
95) }
```

Background

The CSS property to change the background color of an element to RGB 95, 211, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 211, 95) }
```

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

```
.background{ background-color: rgb(143,  
211, 95) }
```

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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