

Converting Colors

`RYB(119, 219, 212)`

Have a look what the booklet for
RYB(119, 219, 212) contains.

RYB(119, 219, 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(119, 219, 212)

Conversions

Conversions Part 1

Format	Color
Hex	7EDB77
RGB	126, 219, 119
RGB Percent	49%, 86%, 47%
CMY	0.5059, 0.1412, 0.5333
CMYK	0.42, 0.00, 0.46, 0.14
HSL	116°, 58%, 66%
HSV	116°, 46%, 86%
XYZ	37.2655, 56.4306, 26.3809
YIQ	179.7930, -23.3280, -50.8160

Conversions

Conversions Part 2

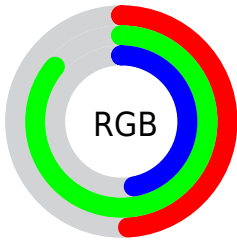
Format	Color
RYB	119, 219, 212
Decimal	8313719
CIELab	79.86, -47.23, 40.59
CIELCh	80, 62.274, 139.323
Yxy	56.4306, 0.3103, 0.4700
Android (android.graphics.Color)	4286503799 (0xFF7EDB77)
YUV	179.7930, -29.9709, -47.1765
Hunter-Lab	75.1203, -42.9107, 31.7626

Details

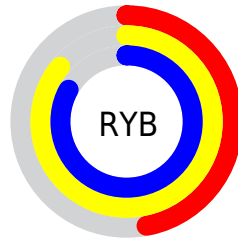
The RYB color **119, 219, 212** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **212, 119, 219**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **173, 255, 245**, and **68, 163, 162** is the 20% darker color. If you saturate the color by 10%, you get **97, 219, 210**, and if you desaturate by 10%, it is **141, 219, 214**.

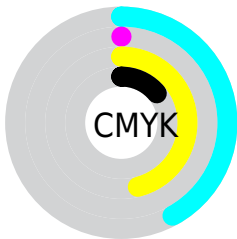
Distribution



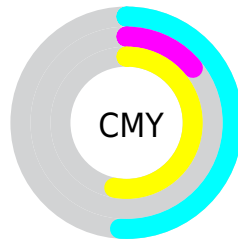
- Red (49%)
- Green (86%)
- Blue (47%)



- Red (47%)
- Yellow (86%)
- Blue (83%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (51%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 219, 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 119, 219, 212 by changing the saturation by 10% instead.

 119, 219, 212


255, 255, 255


 173, 255, 245


 200, 255, 243

 229, 255, 243


 119, 219, 212

 93, 191, 186

 68, 163, 162

 37, 130, 136

 0, 96, 110

 0, 85, 85

 0, 61, 61

 0, 40, 40

 0, 0, 0

 119, 219, 212

 119, 219, 212

■ 97, 219, 210

■ 141, 219, 214

■ 75, 219, 209

■ 163, 219, 215

■ 53, 219, 207

■ 185, 219, 217

■ 31, 219, 205

■ 207, 219, 219

■ 10, 219, 205

■ 228, 219, 228

■ 0, 219, 204

■ 248, 219, 250

■ 255, 219, 255

Harmonies

Analogous

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



82, 206, 94



119, 219, 212



0, 127, 226

Triad

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



119, 219, 212



0, 115, 255



255, 149, 163

Complementary

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



119, 219, 212



212, 119, 219

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, 150, 221



119, 219, 212



166, 186, 255

Square

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



119, 219, 212



0, 119, 255



249, 167, 255



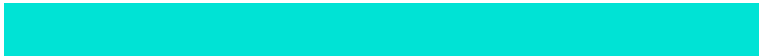
255, 199, 112

Rectangle

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



119, 219, 212



0, 117, 227



249, 167, 255



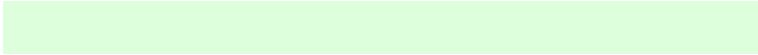
255, 147, 182

Sweetspot

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



119, 219, 212



219, 255, 252



128, 219, 119



106, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



119, 219, 212



115, 255, 245



119, 189, 219



99, 110, 110



0, 173, 161



0, 46, 43

Inverse Universe

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



212, 119, 219



245, 115, 255



219, 119, 177



109, 99, 110



161, 0, 173



43, 0, 46

Previews

White Background



This preview shows how the RYB color 119, 219, 212 looks on a white background.

Color Contrast Check

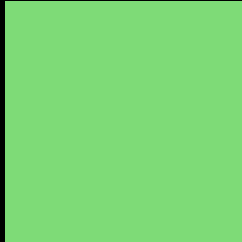
Large Text (above 18pt) WCAG AA × Fail

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 119, 219, 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](#).

RYB 119, 219, 212 Background



This preview shows how black text looks on a background with the RYB color 119, 219, 212.

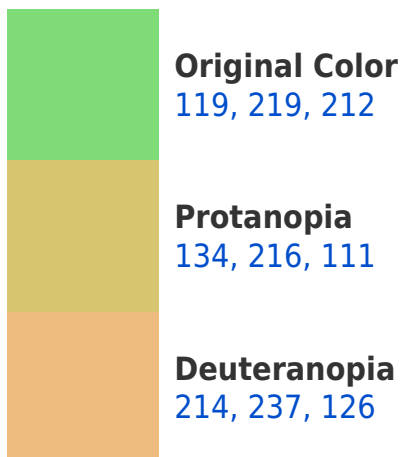


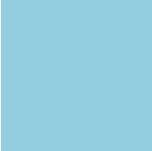
This preview shows how white text looks on a background with the RYB color 119, 219, 212.

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
146, 180, 224

Trichromacy



Original Color

119, 219, 212



Protanomaly

114, 205, 136



Deuteranomaly

123, 199, 125



Tritanomaly

139, 183, 211

Monochromacy



Original Color

119, 219, 212



Achromatopsia

180, 180, 180



Achromatomaly

158, 194, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 219, 119 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(126, 219, 119)` looks like.

```
.text, #text, p{  
    color:rgb(126, 219, 119)  
}
```

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(126, 219, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 219, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 219, 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(126, 219, 119) }
```

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

```
.border{ border-color:rgb(126, 219, 119) }
```

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

Here you see how a box with a 4 pixel rgb(126, 219, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 219, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 219, 119);  
box-shadow:4px 4px 4px 4px rgb(126, 219,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 219, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 219, 119) }
```

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

```
.background{ background-color: rgb(126,  
219, 119) }
```

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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