

Converting Colors

`RYB(121, 206, 126)`

Have a look what the booklet for
RYB(121, 206, 126) contains.

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Color

R_YB(121, 206, 126)

Conversions

Conversions Part 1

Format	Color
Hex	C9CE79
RGB	201, 206, 121
RGB Percent	79%, 81%, 47%
CMY	0.2118, 0.1922, 0.5255
CMYK	0.02, 0.00, 0.41, 0.19
HSL	64°, 46%, 64%
HSV	64°, 41%, 81%
XYZ	49.6099, 57.9406, 26.6581
YIQ	194.8150, 24.3050, -27.4950

Conversions

Conversions Part 2

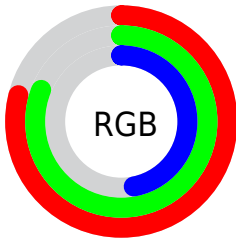
Format	Color
RYB	121, 206, 126
Decimal	13225593
CIELab	80.71, -14.26, 41.62
CIELCh	81, 43.992, 108.915
Yxy	57.9406, 0.3696, 0.4317
Android (android.graphics.Color)	4291415673 (0xFFC9CE79)
YUV	194.8150, -36.3908, 5.4242
Hunter-Lab	76.1187, -16.8715, 32.5187

Details

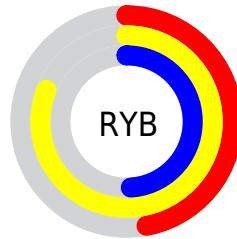
The RYB color **121, 206, 126** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **126, 121, 206**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **175, 255, 175**, and **70, 152, 77** is the 20% darker color. If you saturate the color by 10%, you get **100, 206, 106**, and if you desaturate by 10%, it is **142, 206, 146**.

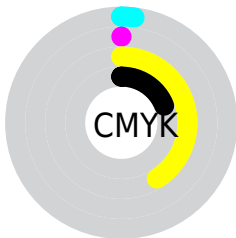
Distribution



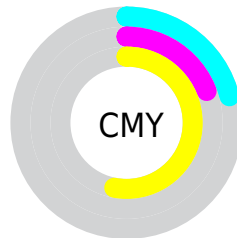
- Red (79%)
- Green (81%)
- Blue (47%)



- Red (47%)
- Yellow (81%)
- Blue (49%)



- Cyan (2%)
- Magenta (0%)
- Yellow (41%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the RYB color 121, 206, 126 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 121, 206, 126 by changing the saturation by 10% instead.


 121, 206, 126

 121, 206, 126

255, 255, 255

 95, 179, 101

 175, 255, 175

 70, 152, 77


 202, 255, 202

 45, 126, 52

 231, 255, 231

 20, 101, 28

 0, 77, 9

 0, 54, 10

 0, 33, 14

 0, 5, 5

 0, 0, 0

 121, 206, 126

 121, 206, 126

 100, 206, 106

 142, 206, 146

 80, 206, 87

 162, 206, 165

 59, 206, 68

 183, 206, 184

 39, 206, 49

 203, 206, 203

 18, 206, 29

 207, 206, 224

 0, 206, 12

 208, 206, 245

 209, 206, 255

 211, 206, 255

 212, 206, 255

Harmonies

Analogous

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



198, 241, 119



121, 206, 126



145, 216, 207

Triad

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



121, 206, 126



17, 126, 255



255, 170, 217

Complementary

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



121, 206, 126



126, 121, 206

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.



237, 180, 255



121, 206, 126



111, 169, 255

Square

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



121, 206, 126



23, 123, 226



182, 193, 255



255, 169, 176

Rectangle

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



121, 206, 126



119, 187, 220



182, 193, 255



255, 172, 231

Sweetspot

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



121, 206, 126



224, 255, 226



206, 125, 121



110, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



121, 206, 126



128, 255, 136



121, 206, 168



92, 102, 93



0, 166, 10



0, 38, 2

Inverse Universe

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



126, 121, 206



135, 128, 255



168, 121, 206



92, 92, 102



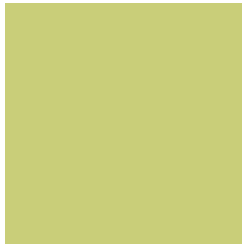
10, 0, 166



2, 0, 38

Previews

White Background



This preview shows how the RYB color 121, 206, 126 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 121, 206, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

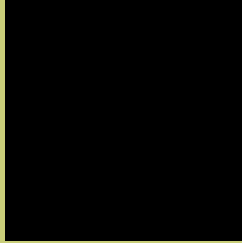
Any Text WCAG AA ✓ Pass

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 121, 206, 126 Background



This preview shows how black text looks on a background with the RYB color 121, 206, 126.

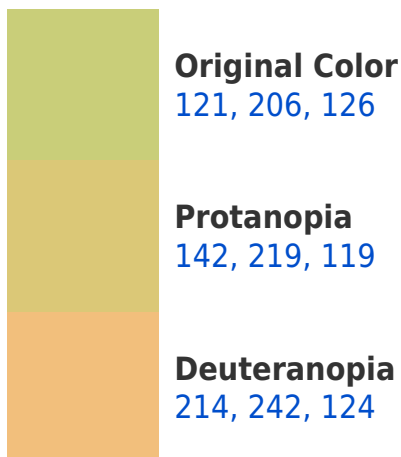



This preview shows how white text looks on a background with the RYB color 121, 206, 126.

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](#).

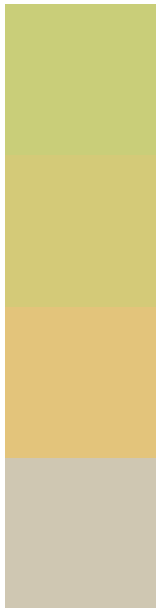
Dichromacy





Tritanopia
211, 195, 211

Trichromacy



Original Color
121, 206, 126

Protanomaly
131, 212, 120

Deuteranomaly
167, 227, 123

Tritanomaly
189, 207, 178

Monochromacy



Original Color
121, 206, 126

Achromatopsia
195, 195, 195

Achromatomaly
168, 199, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 206, 126 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(201, 206, 121)` looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 121)  
}
```

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(201, 206, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 206, 126 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(201, 206, 121) }
```

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

```
.border{ border-color:rgb(201, 206, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 206, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 206, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 206, 121); box-shadow:4px 4px 4px 4px rgb(201, 206, 121) }
```

Background

The CSS property to change the background color of an element to RYB 121, 206, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 121) }
```

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

```
.background{ background-color: rgb(201,  
206, 121) }
```

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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