

Converting Colors

`RYB(123, 205, 130)`

Have a look what the booklet for
RYB(123, 205, 130) contains.

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Color

`RYB(123, 205, 130)`

Conversions

Conversions Part 1

Format	Color
Hex	C6CD7B
RGB	198, 205, 123
RGB Percent	78%, 80%, 48%
CMY	0.2235, 0.1961, 0.5176
CMYK	0.03, 0.00, 0.40, 0.20
HSL	65°, 45%, 64%
HSV	65°, 40%, 80%
XYZ	48.6952, 57.0985, 27.1935
YIQ	193.5590, 22.1500, -26.9860

Conversions

Conversions Part 2

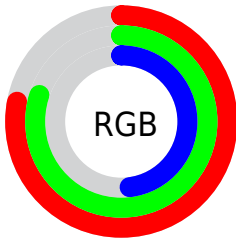
Format	Color
RYB	123, 205, 130
Decimal	13028731
CIELab	80.23, -14.72, 39.97
CIELCh	80, 42.597, 110.217
Yxy	57.0985, 0.3662, 0.4294
Android (android.graphics.Color)	4291218811 (0xFFC6CD7B)
YUV	193.5590, -34.7856, 3.8948
Hunter-Lab	75.5635, -17.2060, 31.5574

Details

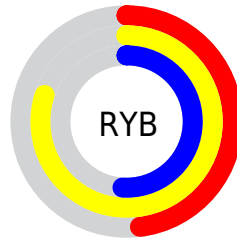
The RYB color **123, 205, 130** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **130, 123, 205**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **177, 255, 177**, and **72, 151, 80** is the 20% darker color. If you saturate the color by 10%, you get **103, 205, 112**, and if you desaturate by 10%, it is **144, 205, 149**.

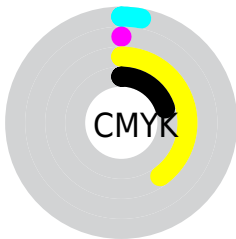
Distribution



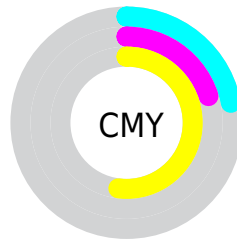
- Red (78%)
- Green (80%)
- Blue (48%)



- Red (48%)
- Yellow (80%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 205, 130 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 123, 205, 130 by changing the saturation by 10% instead.

 123, 205, 130


255, 255, 255


 177, 255, 177

 204, 255, 204

 233, 255, 233

 123, 205, 130

 97, 178, 105


 72, 151, 80

 48, 125, 57

 23, 100, 33

 0, 76, 11

 0, 54, 12

 0, 32, 15

 0, 2, 2

 0, 0, 0

 123, 205, 130

 123, 205, 130

 103, 205, 112

 144, 205, 149

 82, 205, 92

 164, 205, 167

 62, 205, 74

 185, 205, 187

 41, 205, 55

 205, 205, 205

 20, 205, 36

 207, 205, 226

 0, 205, 18

 209, 205, 246

 210, 205, 255

 212, 205, 255

 214, 205, 255

Harmonies

Analogous

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



193, 237, 120



123, 205, 130



147, 214, 209

Triad

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



123, 205, 130



43, 138, 255



255, 169, 214

Complementary

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



123, 205, 130



130, 123, 205

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.



236, 179, 250



123, 205, 130



118, 172, 255

Square

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



123, 205, 130



39, 131, 225



185, 193, 255



255, 169, 174

Rectangle

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



123, 205, 130



119, 184, 218



185, 193, 255



255, 172, 227

Sweetspot

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



123, 205, 130



224, 255, 227



205, 131, 123



110, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



123, 205, 130



133, 255, 143



123, 205, 171



92, 102, 93



0, 166, 14



0, 38, 3

Inverse Universe

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



130, 123, 205



143, 133, 255



171, 123, 205



93, 92, 102



14, 0, 166



3, 0, 38

Previews

White Background



This preview shows how the RYB color 123, 205, 130 looks on a white background.

Color Contrast Check

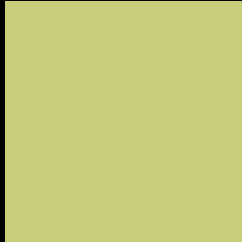
Large Text (above 18pt) WCAG AA × Fail

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 123, 205, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

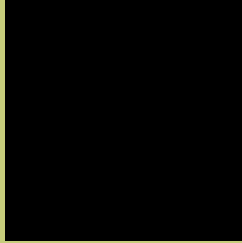
Any Text WCAG AA ✓ Pass

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 123, 205, 130 Background



This preview shows how black text looks on a background with the RYB color 123, 205, 130.

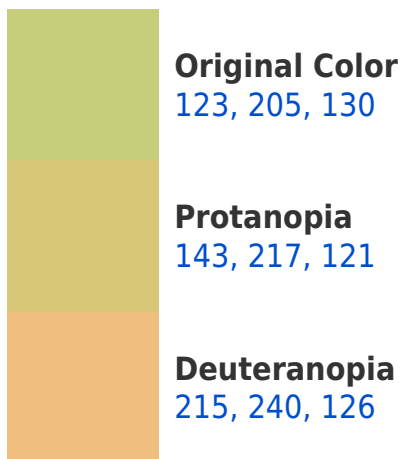



This preview shows how white text looks on a background with the RYB color 123, 205, 130.

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](#).

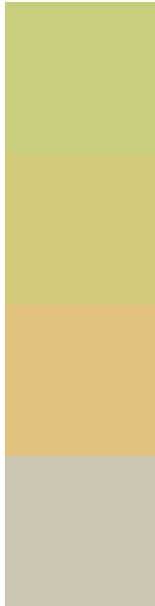
Dichromacy





Tritanopia
208, 195, 210

Trichromacy



Original Color

123, 205, 130

Protanomaly

132, 210, 122

Deuteranomaly

168, 225, 125

Tritanomaly

184, 204, 178

Monochromacy



Original Color

123, 205, 130

Achromatopsia

194, 194, 194

Achromatomaly

168, 198, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 205, 130 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(198, 205, 123)` looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 123)  
}
```

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(198, 205, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 123) }
```

Border

The CSS property to change the border of an element to RYB 123, 205, 130 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(198, 205, 123) }
```

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

```
.border{ border-color:rgb(198, 205, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 205, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 123);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 123, 205, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 123) }
```

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

```
.background{ background-color: rgb(198,  
205, 123) }
```

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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