

Converting Colors

`RYB(125, 202, 128)`

Have a look what the booklet for
RYB(125, 202, 128) contains.

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Color

R_YB(125, 202, 128)

Conversions

Conversions Part 1

Format	Color
Hex	C7CA7D
RGB	199, 202, 125
RGB Percent	78%, 79%, 49%
CMY	0.2196, 0.2078, 0.5098
CMYK	0.01, 0.00, 0.38, 0.21
HSL	62°, 42%, 64%
HSV	62°, 38%, 79%
XYZ	48.3754, 55.8638, 27.6352
YIQ	192.3250, 22.9290, -24.5830

Conversions

Conversions Part 2

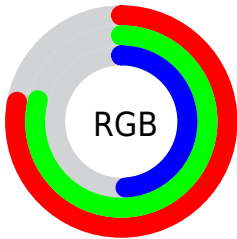
Format	Color
RYB	125, 202, 128
Decimal	13093501
CIELab	79.54, -12.59, 38.09
CIElCh	80, 40.115, 108.286
Yxy	55.8638, 0.3668, 0.4236
Android (android.graphics.Color)	4291283581 (0xFFC7CA7D)
YUV	192.3250, -33.1912, 5.8540
Hunter-Lab	74.7421, -15.2680, 30.3976

Details

The RYB color **125, 202, 128** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **128, 125, 202**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **179, 255, 179**, and **74, 148, 78** is the 20% darker color. If you saturate the color by 10%, you get **105, 202, 109**, and if you desaturate by 10%, it is **145, 202, 147**.

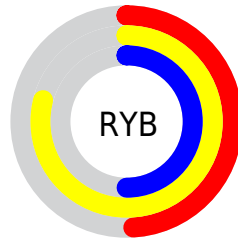
Distribution



Red (78%)

Green (79%)

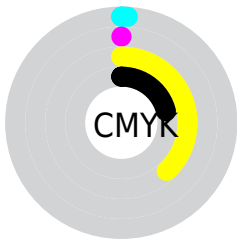
Blue (49%)



Red (49%)

Yellow (79%)

Blue (50%)

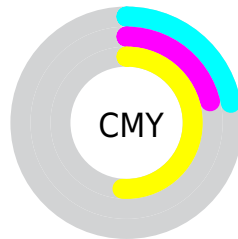


Cyan (1%)

Magenta (0%)

Yellow (38%)

Black (21%)



Cyan (22%)

Magenta (21%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 202, 128 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 125, 202, 128 by changing the saturation by 10% instead.

 125, 202, 128


255, 255, 255


 179, 255, 179


 206, 255, 206

 235, 255, 235

 125, 202, 128

 99, 175, 103

 74, 148, 78

 50, 122, 55

 26, 98, 33

 0, 74, 8

 0, 51, 8

 0, 30, 12

 0, 0, 0

 125, 202, 128

 125, 202, 128

■ 105, 202, 109

■ 145, 202, 147

■ 85, 202, 90

■ 165, 202, 166

■ 64, 202, 69

■ 186, 202, 187

■ 44, 202, 50

■ 202, 202, 206

■ 24, 202, 31

■ 203, 202, 226

■ 4, 202, 12

■ 204, 202, 246

■ 0, 202, 8

■ 205, 202, 255

■ 206, 202, 255

Harmonies

Analogous

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



200, 235, 124



125, 202, 128



146, 211, 201

Triad

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



125, 202, 128



62, 146, 252



255, 170, 213

Complementary

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



125, 202, 128



128, 125, 202

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.



230, 179, 247



125, 202, 128



119, 172, 255

Square

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



125, 202, 128



63, 140, 219



180, 191, 255



255, 169, 175

Rectangle

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



125, 202, 128



126, 186, 215



180, 191, 255



253, 172, 226

Sweetspot

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



125, 202, 128



227, 255, 228



202, 128, 125



111, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



125, 202, 128



138, 255, 143



125, 202, 166



92, 102, 92



0, 166, 7



0, 38, 1

Inverse Universe

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



128, 125, 202



142, 138, 255



166, 125, 202



92, 92, 102



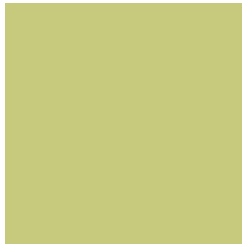
6, 0, 166



1, 0, 38

Previews

White Background



This preview shows how the RYB color 125, 202, 128 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 125, 202, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

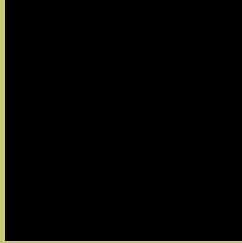
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

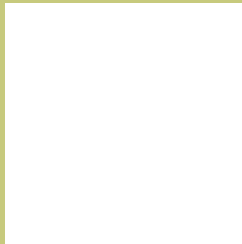
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 125, 202, 128 Background



This preview shows how black text looks on a background with the RYB color 125, 202, 128.



This preview shows how white text looks on a background with the RYB color 125, 202, 128.

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



Original Color
125, 202, 128

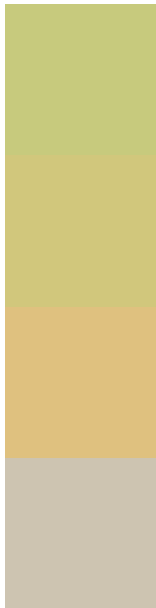
Protanopia
145, 215, 123

Deuteranopia
217, 237, 128



Tritanopia
209, 192, 207

Trichromacy



Original Color
125, 202, 128

Protanomaly
135, 209, 124

Deuteranomaly
171, 223, 127

Tritanomaly
190, 205, 177

Monochromacy



Original Color
125, 202, 128

Achromatopsia
192, 192, 192

Achromatomaly
168, 196, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 202, 128 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(199, 202, 125)` looks like.

```
.text, #text, p{  
    color:rgb(199, 202, 125)  
}
```

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(199, 202, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 202, 128 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(199, 202, 125) }
```

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

```
.border{ border-color:rgb(199, 202, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 202, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 125);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 202, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 202, 125) }
```

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

```
.background{ background-color: rgb(199,  
202, 125) }
```

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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