

Converting Colors

`RYB(124, 202, 130)`

Have a look what the booklet for
RYB(124, 202, 130) contains.

RYB(124, 202, 130)	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(124, 202, 130)

Conversions

Conversions Part 1

Format	Color
Hex	C4CA7C
RGB	196, 202, 124
RGB Percent	77%, 79%, 49%
CMY	0.2314, 0.2078, 0.5137
CMYK	0.03, 0.00, 0.39, 0.21
HSL	65°, 42%, 64%
HSV	65°, 39%, 79%
XYZ	47.5236, 55.4321, 27.2635
YIQ	191.3140, 21.4620, -25.5300

Conversions

Conversions Part 2

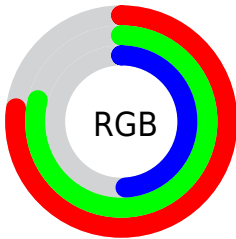
Format	Color
RYB	124, 202, 130
Decimal	12896892
CIELab	79.29, -13.88, 38.23
CIELCh	79, 40.676, 109.952
Yxy	55.4321, 0.3650, 0.4257
Android (android.graphics.Color)	4291086972 (0xFFC4CA7C)
YUV	191.3140, -33.1858, 4.1096
Hunter-Lab	74.4527, -16.3547, 30.4058

Details

The RYB color **124, 202, 130** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **130, 124, 202**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **178, 255, 179**, and **73, 148, 80** is the 20% darker color. If you saturate the color by 10%, you get **104, 202, 112**, and if you desaturate by 10%, it is **144, 202, 148**.

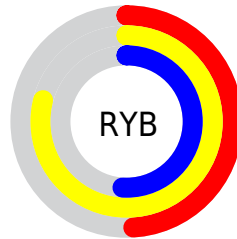
Distribution



Red (77%)

Green (79%)

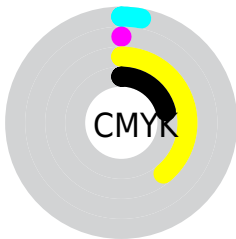
Blue (49%)



Red (49%)

Yellow (79%)

Blue (51%)

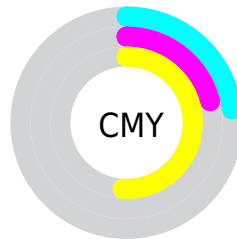


Cyan (3%)

Magenta (0%)

Yellow (39%)

Black (21%)



Cyan (23%)

Magenta (21%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 202, 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 124, 202, 130 by changing the saturation by 10% instead.

 124, 202, 130


255, 255, 255

 178, 255, 179

 205, 255, 205

 234, 255, 234

 124, 202, 130

 98, 175, 105

 73, 148, 80

 49, 122, 56

 25, 98, 34

 0, 74, 10

 0, 51, 10

 0, 30, 15

 0, 0, 0

 124, 202, 130

 124, 202, 130

■ 104, 202, 112

■ 144, 202, 148

■ 84, 202, 93

■ 164, 202, 167

■ 63, 202, 74

■ 185, 202, 186

■ 43, 202, 55

■ 202, 202, 205

■ 23, 202, 37

■ 204, 202, 225

■ 3, 202, 18

■ 205, 202, 245

■ 0, 202, 16

■ 207, 202, 255

■ 208, 202, 255

■ 210, 202, 255

Harmonies

Analogous

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



192, 233, 122



124, 202, 130



146, 211, 204

Triad

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



124, 202, 130



58, 144, 253



255, 168, 211

Complementary

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



124, 202, 130



130, 124, 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.



232, 178, 246



124, 202, 130



120, 172, 255

Square

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



124, 202, 130



55, 137, 221



182, 190, 255



255, 168, 172

Rectangle

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



124, 202, 130



121, 183, 215



182, 190, 255



254, 171, 223

Sweetspot

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



124, 202, 130



224, 255, 226



202, 129, 124



110, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



124, 202, 130



138, 255, 147



124, 202, 168



92, 102, 93



0, 166, 13



0, 38, 3

Inverse Universe

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



130, 124, 202



147, 138, 255



168, 124, 202



93, 92, 102



13, 0, 166



3, 0, 38

Previews

White Background



This preview shows how the RYB color 124, 202, 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 124, 202, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

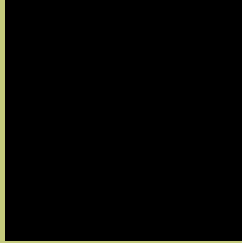
Any Text WCAG AA ✓ Pass

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 124, 202, 130 Background



This preview shows how black text looks on a background with the RYB color 124, 202, 130.



This preview shows how white text looks on a background with the RYB color 124, 202, 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



Original Color
124, 202, 130

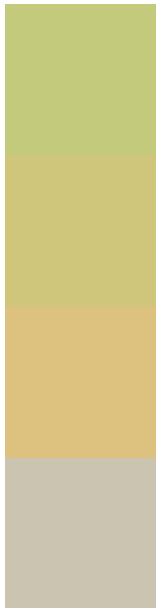
Protanopia
144, 214, 122

Deuteranopia
213, 236, 127



Tritanopia
206, 192, 207

Trichromacy



Original Color
124, 202, 130

Protanomaly
133, 207, 123

Deuteranomaly
166, 221, 126

Tritanomaly
185, 202, 177

Monochromacy



Original Color
124, 202, 130

Achromatopsia
191, 191, 191

Achromatomaly
167, 195, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 202, 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(196, 202, 124)` looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 124)  
}
```

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(196, 202, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 202, 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(196, 202, 124) }
```

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

```
.border{ border-color:rgb(196, 202, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 202, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 124);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 202, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 124) }
```

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

```
.background{ background-color: rgb(196,  
202, 124) }
```

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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