

Converting Colors

`RYB(150, 205, 130)`

Have a look what the booklet for
RYB(150, 205, 130) contains.

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Color

R_YB(150, 205, 130)

Conversions

Conversions Part 1

Format	Color
Hex	CDBD82
RGB	205, 189, 130
RGB Percent	80%, 74%, 51%
CMY	0.1961, 0.2580, 0.4902
CMYK	0.00, 0.08, 0.37, 0.20
HSL	47°, 43%, 66%
HSV	47°, 37%, 80%
XYZ	47.4490, 51.0767, 28.4770
YIQ	187.0580, 28.4750, -14.9570

Conversions

Conversions Part 2

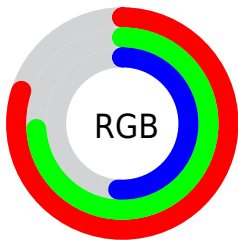
Format	Color
RYB	150, 205, 130
Decimal	13483394
CIELab	76.73, -3.04, 31.97
CIELCh	77, 32.114, 95.424
Yxy	51.0767, 0.3736, 0.4022
Android (android.graphics.Color)	4291673474 (0xFFCDBD82)
YUV	187.0580, -28.1296, 15.7351
Hunter-Lab	71.4679, -6.5591, 26.4029

Details

The RYB color **150, 205, 130** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **130, 143, 205**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **196, 255, 184**, and **98, 150, 80** is the 20% darker color. If you saturate the color by 10%, you get **135, 205, 110**, and if you desaturate by 10%, it is **165, 205, 151**.

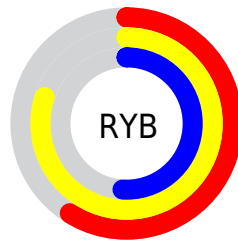
Distribution



Red (80%)

Green (74%)

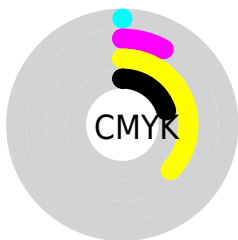
Blue (51%)



Red (59%)

Yellow (80%)

Blue (51%)

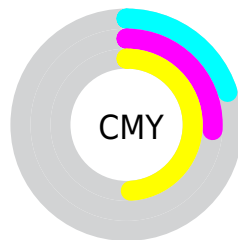


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 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 150, 205, 130 by changing the saturation by 10% instead.

 150, 205, 130

255, 255, 255


 196, 255, 184

 211, 255, 211

 240, 255, 240

 150, 205, 130

 123, 177, 104

 98, 150, 80

 71, 123, 56

 45, 97, 33

 20, 72, 9

 8, 49, 0

 2, 24, 0

 0, 0, 0

 150, 205, 130

 150, 205, 130

■ 135, 205, 110

■ 165, 205, 151

■ 119, 205, 89

■ 180, 205, 171

■ 106, 205, 69

■ 196, 205, 192

■ 90, 205, 48

■ 205, 206, 212

■ 74, 205, 27

■ 205, 210, 233

■ 60, 205, 7

■ 205, 213, 253

■ 54, 205, 0

■ 205, 216, 255

■ 205, 219, 255

■ 205, 221, 255

Harmonies

Analogous

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



231, 215, 136



150, 205, 130



140, 198, 165

Triad

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



150, 205, 130



94, 153, 223



232, 171, 215

Complementary

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



150, 205, 130



130, 143, 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.



201, 180, 238



150, 205, 130



117, 167, 243

Square

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



150, 205, 130



107, 160, 206



159, 182, 248



248, 167, 185

Rectangle

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



150, 205, 130



150, 197, 202



159, 182, 248



223, 173, 223

Sweetspot

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



150, 205, 130



235, 255, 227



205, 130, 146



116, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



150, 205, 130



174, 255, 143



130, 205, 151



95, 102, 92



44, 166, 0



10, 38, 0

Inverse Universe

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



130, 143, 205



143, 162, 255



151, 130, 205



92, 94, 102



0, 29, 166



0, 7, 38

Previews

White Background



This preview shows how the RYB color 150, 205, 130 looks on a white background.

Color Contrast Check

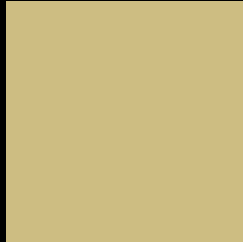
Large Text (above 18pt) WCAG AA × Fail

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 150, 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](#).

RYP 150, 205, 130 Background



This preview shows how black text looks on a background with the RYP color 150, 205, 130.



This preview shows how white text looks on a background with the RYP color 150, 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



Original Color
150, 205, 130

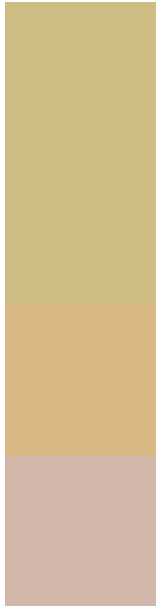
Protanopia
150, 205, 130

Deuteranopia
218, 226, 132



Tritanopia
212, 181, 195

Trichromacy



Original Color
150, 205, 130

Protanomaly
150, 205, 130

Deuteranomaly
187, 218, 131

Tritanomaly
209, 191, 171

Monochromacy



Original Color
150, 205, 130

Achromatopsia
187, 187, 187

Achromatomaly
174, 194, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 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(205, 189, 130)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 130)  
}
```

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(205, 189, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 130) }
```

Border

The CSS property to change the border of an element to RYB 150, 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(205, 189, 130) }
```

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

```
.border{ border-color:rgb(205, 189, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 189, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 189, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 189, 130);  
box-shadow:4px 4px 4px 4px rgb(205, 189,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 150, 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(205, 189, 130) }
```

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

```
.background{ background-color: rgb(205,  
189, 130) }
```

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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