

Converting Colors

`RYB(134, 211, 142)`

Have a look what the booklet for
RYB(134, 211, 142) contains.

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Color

R_YB(134, 211, 142)

Conversions

Conversions Part 1

Format	Color
Hex	CBD386
RGB	203, 211, 134
RGB Percent	80%, 83%, 53%
CMY	0.2039, 0.1725, 0.4745
CMYK	0.04, 0.00, 0.36, 0.17
HSL	66°, 47%, 68%
HSV	66°, 36%, 83%
XYZ	52.2259, 61.0063, 31.5770
YIQ	199.8300, 19.9490, -25.6430

Conversions

Conversions Part 2

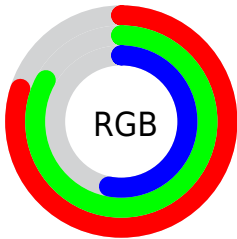
Format	Color
RYB	134, 211, 142
Decimal	13357958
CIELab	82.38, -14.53, 37.24
CIElCh	82, 39.975, 111.315
Yxy	61.0063, 0.3607, 0.4213
Android (android.graphics.Color)	4291548038 (0xFFCBD386)
YUV	199.8300, -32.4542, 2.7801
Hunter-Lab	78.1065, -17.3323, 30.7047

Details

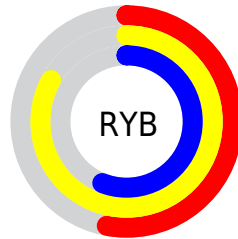
The RYB color **134, 211, 142** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **142, 134, 211**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **188, 255, 188**, and **83, 157, 92** is the 20% darker color. If you saturate the color by 10%, you get **113, 211, 123**, and if you desaturate by 10%, it is **155, 211, 161**.

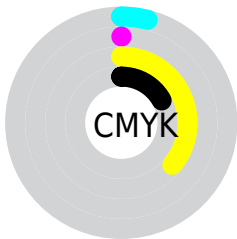
Distribution



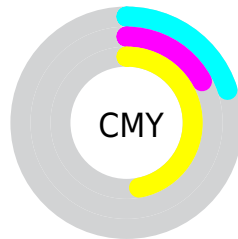
- Red (80%)
- Green (83%)
- Blue (53%)



- Red (53%)
- Yellow (83%)
- Blue (56%)



- Cyan (4%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 211, 142 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 134, 211, 142 by changing the saturation by 10% instead.

 134, 211, 142

255, 255, 255

 188, 255, 188


 216, 255, 216


 245, 255, 245

 134, 211, 142

 108, 183, 116

 83, 157, 92


 59, 131, 69

 34, 105, 44

 8, 81, 19

 0, 58, 11

 0, 37, 14

 0, 15, 15

 0, 0, 0

 134, 211, 142

 134, 211, 142

 113, 211, 123

 155, 211, 161

 92, 211, 104

 176, 211, 180

 71, 211, 86

 197, 211, 198

 50, 211, 67

 212, 211, 218

 29, 211, 48

 214, 211, 240

 7, 211, 28

 216, 211, 255

 0, 211, 22

 218, 211, 255

 221, 211, 255

 223, 211, 255

Harmonies

Analogous

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



197, 240, 131



134, 211, 142



157, 220, 217

Triad

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



134, 211, 142



79, 158, 255



255, 177, 218

Complementary

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



134, 211, 142



142, 134, 211

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.



242, 186, 252



134, 211, 142



135, 182, 255

Square

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



134, 211, 142



72, 150, 231



194, 199, 255



255, 177, 180

Rectangle

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



134, 211, 142



129, 191, 224



194, 199, 255



255, 179, 230

Sweetspot

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



134, 211, 142



227, 255, 230



211, 143, 134



111, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



134, 211, 142



143, 255, 155



134, 211, 180



94, 105, 96



0, 168, 17



0, 41, 4

Inverse Universe

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



142, 134, 211



154, 143, 255



180, 134, 211



95, 94, 105



17, 0, 168



4, 0, 41

Previews

White Background



This preview shows how the RYB color 134, 211, 142 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 134, 211, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

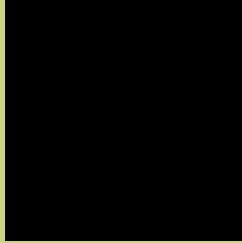
Any Text WCAG AA ✓ Pass

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 134, 211, 142 Background



This preview shows how black text looks on a background with the RYB color 134, 211, 142.

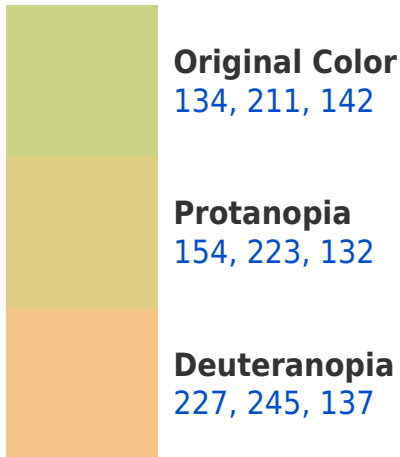


This preview shows how white text looks on a background with the RYB color 134, 211, 142.

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](#).

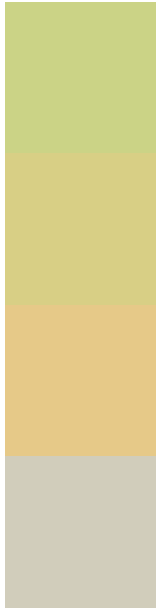
Dichromacy





Tritanopia
213, 201, 217

Trichromacy



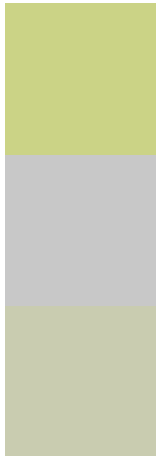
Original Color
134, 211, 142

Protanomaly
143, 216, 133

Deuteranomaly
178, 230, 136

Tritanomaly
192, 209, 187

Monochromacy



Original Color
134, 211, 142

Achromatopsia
200, 200, 200

Achromatomaly
176, 204, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 211, 142 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(203, 211, 134) looks like.

```
.text, #text, p{  
    color:rgb(203, 211, 134)  
}
```

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(203, 211, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 134) }
```

Border

The CSS property to change the border of an element to RYB 134, 211, 142 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(203, 211, 134) }
```

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

```
.border{ border-color:rgb(203, 211, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 211, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 211, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 211, 134);  
box-shadow:4px 4px 4px 4px rgb(203, 211,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 134, 211, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 211, 134) }
```

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

```
.background{ background-color: rgb(203,  
211, 134) }
```

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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