

Converting Colors

`RYB(142, 231, 134)`

Have a look what the booklet for
RYB(142, 231, 134) contains.

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Color

R_YB(142, 231, 134)

Conversions

Conversions Part 1

Format	Color
Hex	E7E086
RGB	231, 224, 134
RGB Percent	91%, 88%, 53%
CMY	0.0941, 0.1231, 0.4745
CMYK	0.00, 0.03, 0.42, 0.09
HSL	55°, 67%, 72%
HSV	55°, 42%, 91%
XYZ	63.8089, 71.8118, 33.0522
YIQ	215.8330, 33.0620, -26.5060

Conversions

Conversions Part 2

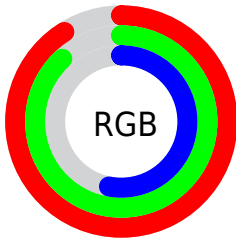
Format	Color
RYB	142, 231, 134
Decimal	15196294
CIELab	87.88, -9.94, 44.69
CIELCh	88, 45.779, 102.542
Yxy	71.8118, 0.3783, 0.4257
Android (android.graphics.Color)	4293386374 (0xFFE7E086)
YUV	215.8330, -40.3437, 13.3015
Hunter-Lab	84.7418, -13.8913, 36.1942

Details

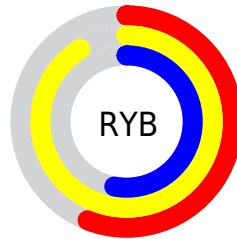
The RYB color **142, 231, 134** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **134, 141, 231**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **188, 255, 188**, and **87, 174, 82** is the 20% darker color. If you saturate the color by 10%, you get **121, 231, 111**, and if you desaturate by 10%, it is **164, 231, 157**.

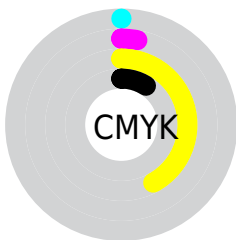
Distribution



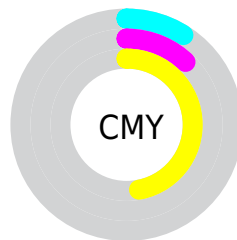
- Red (91%)
- Green (88%)
- Blue (53%)



- Red (56%)
- Yellow (91%)
- Blue (53%)



- Cyan (0%)
- Magenta (3%)
- Yellow (42%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 231, 134 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 142, 231, 134 by changing the saturation by 10% instead.

 142, 231, 134

255, 255, 255

 188, 255, 188


 217, 255, 217


 245, 255, 245

 142, 231, 134

 114, 202, 108

 87, 174, 82

 61, 146, 57

 34, 119, 32

 2, 93, 1

 0, 69, 1

 0, 47, 4

 0, 27, 10


 0, 0, 0

 142, 231, 134

 142, 231, 134

 121, 231, 111

 164, 231, 157

 100, 231, 88

 184, 231, 180


 79, 231, 65

 205, 231, 203

 57, 231, 42

 226, 231, 226

 36, 231, 19

 231, 232, 250

 20, 231, 0

 231, 234, 255

 231, 235, 255

 231, 236, 255

 231, 237, 255

Harmonies

Analogous

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



214, 255, 138



142, 231, 134



155, 235, 207

Triad

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



142, 231, 134



34, 141, 255



255, 190, 248

Complementary

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



142, 231, 134



134, 141, 231

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.



249, 202, 255



142, 231, 134



111, 177, 255

Square

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



142, 231, 134



64, 156, 244



187, 208, 255



255, 187, 203

Rectangle

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



142, 231, 134



147, 216, 240



187, 208, 255



255, 193, 255

Sweetspot

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



142, 231, 134



225, 255, 222



231, 134, 142



109, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



142, 231, 134



139, 255, 128



134, 231, 174



104, 115, 103



15, 179, 0



4, 51, 0

Inverse Universe

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



134, 141, 231



128, 136, 255



174, 134, 231



103, 104, 115



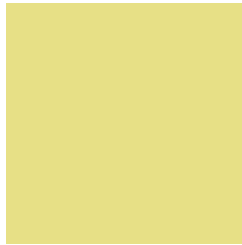
0, 13, 179



0, 4, 51

Previews

White Background



This preview shows how the RYB color 142, 231, 134 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 142, 231, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

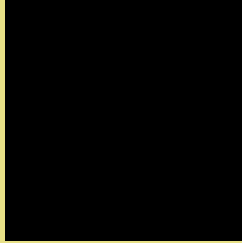
Any Text WCAG AA ✓ Pass

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 142, 231, 134 Background



This preview shows how black text looks on a background with the RYB color 142, 231, 134.



This preview shows how white text looks on a background with the RYB color 142, 231, 134.

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
142, 231, 134

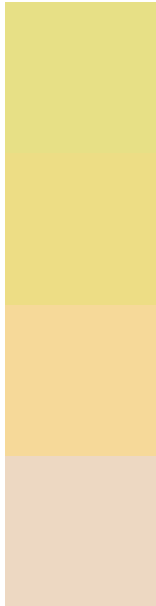
Protanopia
159, 241, 133

Deuteranopia
242, 255, 164



Tritanopia
241, 212, 229

Trichromacy



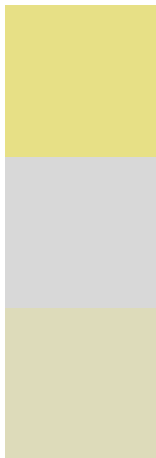
Original Color
142, 231, 134

Protanomaly
152, 237, 133

Deuteranomaly
195, 246, 153

Tritanomaly
235, 237, 194

Monochromacy



Original Color
142, 231, 134

Achromatopsia
216, 216, 216

Achromatomaly
188, 221, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 231, 134 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(231, 224, 134)` looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 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(231, 224, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 134) }
```

Border

The CSS property to change the border of an element to RYB 142, 231, 134 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(231, 224, 134) }
```

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

```
.border{ border-color:rgb(231, 224, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 224, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 224, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 224, 134);  
box-shadow:4px 4px 4px 4px rgb(231, 224,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 142, 231, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 224, 134) }
```

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

```
.background{ background-color: rgb(231,  
224, 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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