

Converting Colors

`RYB(131, 240, 118)`

Have a look what the booklet for
RYB(131, 240, 118) contains.

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Color

`RYB(131, 240, 118)`

Conversions

Conversions Part 1

Format	Color
Hex	F0E476
RGB	240, 228, 118
RGB Percent	94%, 89%, 46%
CMY	0.0588, 0.1049, 0.5373
CMYK	0.00, 0.05, 0.51, 0.06
HSL	54°, 80%, 70%
HSV	54°, 51%, 94%
XYZ	67.0179, 75.4588, 28.1723
YIQ	219.0480, 42.4620, -31.6660

Conversions

Conversions Part 2

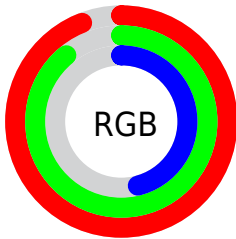
Format	Color
RYB	131, 240, 118
Decimal	15787126
CIELab	89.61, -10.18, 54.64
CIElCh	90, 55.578, 100.550
Yxy	75.4588, 0.3927, 0.4422
Android (android.graphics.Color)	4293977206 (0xFFFF0E476)
YUV	219.0480, -49.8167, 18.3749
Hunter-Lab	86.8670, -14.3044, 41.5782

Details

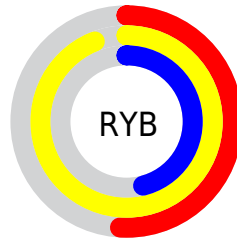
The RYB color **131, 240, 118** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **118, 129, 240**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **173, 255, 173**, and **75, 182, 65** is the 20% darker color. If you saturate the color by 10%, you get **109, 240, 94**, and if you desaturate by 10%, it is **152, 240, 142**.

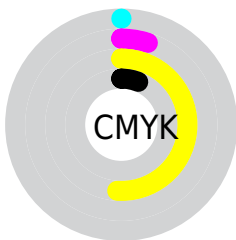
Distribution



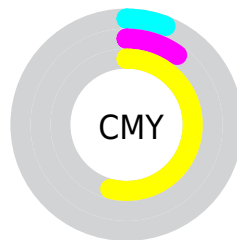
- Red (94%)
- Green (89%)
- Blue (46%)



- Red (51%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (5%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 240, 118 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 131, 240, 118 by changing the saturation by 10% instead.

 131, 240, 118


255, 255, 255

 173, 255, 173

 201, 255, 201

 229, 255, 229

 131, 240, 118

 104, 211, 92

 75, 182, 65

 44, 153, 38

 6, 126, 1

 3, 99, 0

 0, 73, 0

 0, 51, 4

 0, 30, 8

 0, 0, 0

 131, 240, 118

 131, 240, 118

 109, 240, 94

 152, 240, 142

 88, 240, 70


 174, 240, 166

 67, 240, 46

 196, 240, 190

 45, 240, 22

 217, 240, 214

 25, 240, 0

 238, 240, 238

 240, 242, 255

 240, 243, 255

 240, 245, 255

 240, 246, 255

Harmonies

Analogous

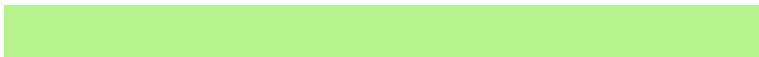
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194, 255, 125



131, 240, 118



142, 242, 202

Triad

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



131, 240, 118



0, 126, 255



255, 187, 255

Complementary

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



131, 240, 118



118, 129, 240

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.



255, 204, 255



131, 240, 118



35, 141, 255

Square

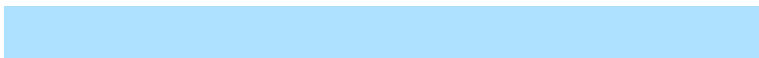
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



131, 240, 118



0, 129, 253



174, 205, 255



255, 182, 208

Rectangle

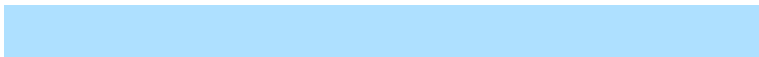
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



131, 240, 118



136, 221, 248



174, 205, 255



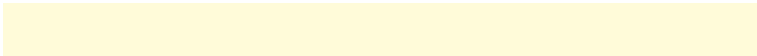
255, 192, 255

Sweetspot

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



131, 240, 118



221, 255, 217



240, 118, 130



108, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



131, 240, 118



116, 255, 99



118, 240, 167



109, 120, 108



20, 184, 0



5, 56, 0

Inverse Universe

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



118, 129, 240



99, 113, 255



167, 118, 240



108, 109, 120



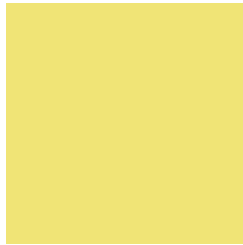
0, 16, 184



0, 5, 56

Previews

White Background



This preview shows how the RYB color 131, 240, 118 looks on a white background.

Color Contrast Check

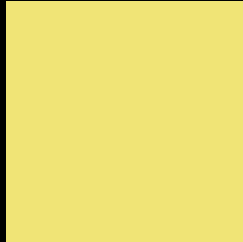
Large Text (above 18pt) WCAG AA × Fail

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 131, 240, 118 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 131, 240, 118 Background



This preview shows how black text looks on a background with the RYB color 131, 240, 118.



This preview shows how white text looks on a background with the RYB color 131, 240, 118.

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
131, 240, 118

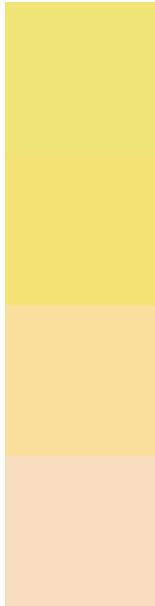
Protanopia
145, 248, 117

Deuteranopia
242, 255, 176



Tritanopia
251, 215, 232

Trichromacy



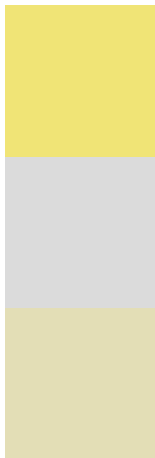
Original Color
131, 240, 118

Protanomaly
139, 245, 117

Deuteranomaly
195, 250, 155

Tritanomaly
243, 247, 191

Monochromacy



Original Color
131, 240, 118

Achromatopsia
219, 219, 219

Achromatomaly
188, 227, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 240, 118 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(240, 228, 118)` looks like.

```
.text, #text, p{  
    color:rgb(240, 228, 118)  
}
```

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(240, 228, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 228, 118) }
```

Border

The CSS property to change the border of an element to RYB 131, 240, 118 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(240, 228, 118) }
```

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

```
.border{ border-color:rgb(240, 228, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 228, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 228, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 228, 118);  
box-shadow:4px 4px 4px 4px rgb(240, 228,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 240, 228, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 228, 118) }
```

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

```
.background{ background-color: rgb(240,  
228, 118) }
```

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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