

Converting Colors

`RYB(130, 240, 126)`

Have a look what the booklet for
RYB(130, 240, 126) contains.

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Color

R_YB(130, 240, 126)

Conversions

Conversions Part 1

Format	Color
Hex	F0EC7E
RGB	240, 236, 126
RGB Percent	94%, 93%, 49%
CMY	0.0588, 0.0740, 0.5059
CMYK	0.00, 0.02, 0.47, 0.06
HSL	58°, 79%, 72%
HSV	58°, 48%, 94%
XYZ	69.7356, 80.1006, 31.5242
YIQ	224.6560, 37.6940, -33.3620

Conversions

Conversions Part 2

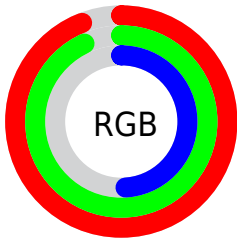
Format	Color
RYB	130, 240, 126
Decimal	15789182
CIELab	91.73, -13.39, 53.43
CIELCh	92, 55.084, 104.068
Yxy	80.1006, 0.3845, 0.4417
Android (android.graphics.Color)	4293979262 (0xFFFF0EC7E)
YUV	224.6560, -48.6374, 13.4567
Hunter-Lab	89.4990, -17.5400, 41.7656

Details

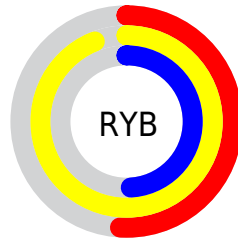
The RYB color **130, 240, 126** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **126, 130, 240**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **181, 255, 181**, and **75, 182, 73** is the 20% darker color. If you saturate the color by 10%, you get **107, 240, 102**, and if you desaturate by 10%, it is **153, 240, 150**.

Distribution



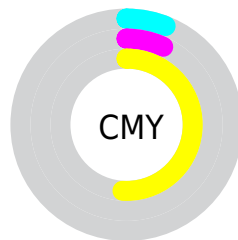
- Red (94%)
- Green (93%)
- Blue (49%)



- Red (51%)
- Yellow (94%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (47%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 240, 126 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 130, 240, 126 by changing the saturation by 10% instead.

 130, 240, 126

255, 255, 255

 181, 255, 181

 209, 255, 209

 238, 255, 238


 130, 240, 126

 102, 211, 99

 75, 182, 73


 47, 154, 47


 16, 128, 18

 0, 103, 4

 0, 79, 5

 0, 56, 8

 0, 35, 12

 0, 12, 12

 130, 240, 126

 130, 240, 126

 107, 240, 102

 153, 240, 150

 83, 240, 78

 176, 240, 174

 60, 240, 54

 199, 240, 198

 37, 240, 30

 223, 240, 222

 14, 240, 6

 240, 240, 246

 8, 240, 0

 240, 241, 255

 240, 242, 255

 240, 243, 255

Harmonies

Analogous

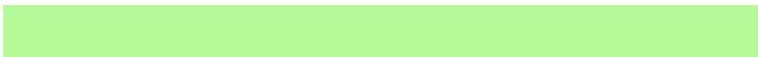
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181, 255, 129



130, 240, 126



153, 249, 221

Triad

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



130, 240, 126



0, 128, 255



255, 192, 255

Complementary

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



130, 240, 126



126, 130, 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, 208, 255



130, 240, 126



80, 165, 255

Square

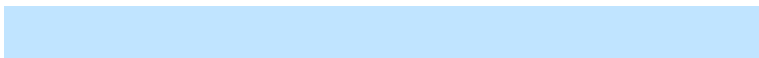
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



130, 240, 126



0, 128, 255



192, 215, 255



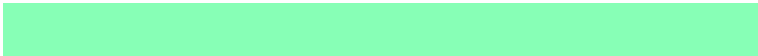
255, 189, 208

Rectangle

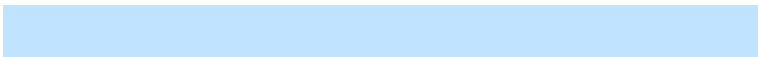
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



130, 240, 126



135, 221, 255



192, 215, 255



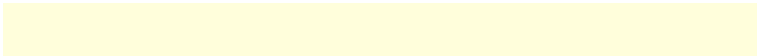
255, 196, 255

Sweetspot

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



130, 240, 126



220, 255, 219



240, 126, 132



107, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



130, 240, 126



115, 255, 110



126, 240, 177



109, 120, 108



7, 184, 0



2, 56, 0

Inverse Universe

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



126, 130, 240



110, 115, 255



177, 126, 240



108, 108, 120



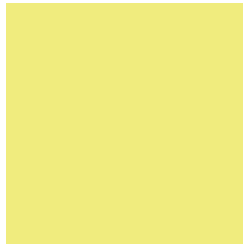
0, 6, 184



0, 2, 56

Previews

White Background



This preview shows how the RYB color 130, 240, 126 looks on a white background.

Color Contrast Check

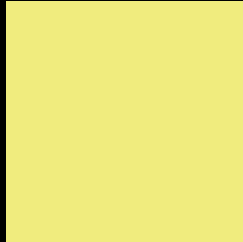
Large Text (above 18pt) WCAG AA × Fail

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 130, 240, 126 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 130, 240, 126 Background



This preview shows how black text looks on a background with the RYB color 130, 240, 126.

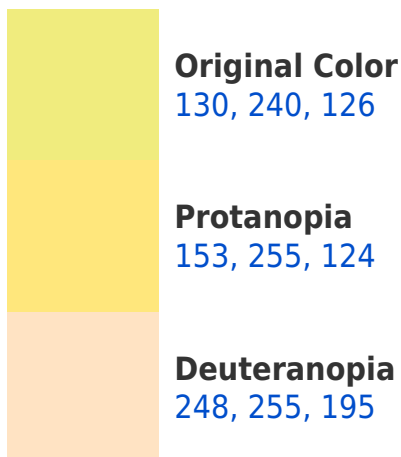


This preview shows how white text looks on a background with the RYB color 130, 240, 126.

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

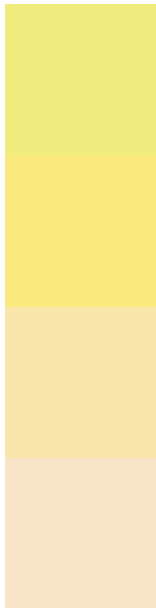




Tritanopia

252, 223, 241

Trichromacy



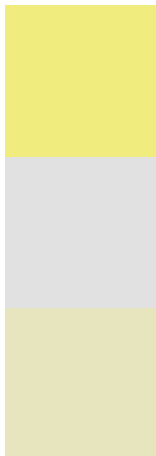
Original Color
130, 240, 126

Protanomaly
145, 250, 125

Deuteranomaly
197, 250, 170

Tritanomaly
233, 248, 199

Monochromacy



Original Color
130, 240, 126

Achromatopsia
225, 225, 225

Achromatomaly
190, 230, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 240, 126 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, 236, 126)` looks like.

```
.text, #text, p{  
    color:rgb(240, 236, 126)  
}
```

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, 236, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 236, 126) }
```

Border

The CSS property to change the border of an element to RYB 130, 240, 126 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, 236, 126) }
```

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

```
.border{ border-color:rgb(240, 236, 126) }
```

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

Here you see how a box with a 4 pixel rgb(240, 236, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 236, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 236, 126);  
box-shadow:4px 4px 4px 4px rgb(240, 236,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 130, 240, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 236, 126) }
```

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

```
.background{ background-color: rgb(240,  
236, 126) }
```

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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