

Converting Colors

`RYB(182, 239, 118)`

Have a look what the booklet for
RYB(182, 239, 118) contains.

RYB(182, 239, 118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(182, 239, 118)

Conversions

Conversions Part 1

Format	Color
Hex	EFC576
RGB	239, 197, 118
RGB Percent	94%, 77%, 46%
CMY	0.0627, 0.2269, 0.5373
CMYK	0.00, 0.18, 0.51, 0.06
HSL	39°, 79%, 70%
HSV	39°, 51%, 94%
XYZ	58.8648, 59.6551, 25.5516
YIQ	200.5520, 50.3910, -15.6650

Conversions

Conversions Part 2

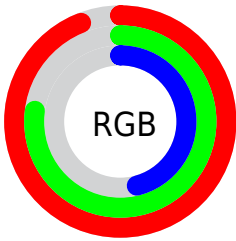
Format	Color
RYB	182, 239, 118
Decimal	15713654
CIELab	81.65, 5.29, 45.00
CIElCh	82, 45.310, 83.297
Yxy	59.6551, 0.4086, 0.4141
Android (android.graphics.Color)	4293903734 (0xFFEFC576)
YUV	200.5520, -40.6981, 33.7189
Hunter-Lab	77.2367, 0.8769, 34.4512

Details

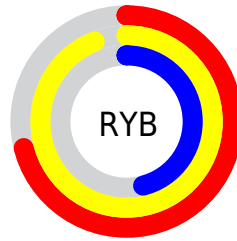
The RYB color **182, 239, 118** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **118, 149, 239**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **173, 255, 172**, and **124, 181, 67** is the 20% darker color. If you saturate the color by 10%, you get **170, 239, 94**, and if you desaturate by 10%, it is **194, 239, 142**.

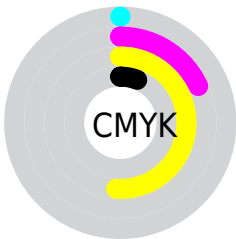
Distribution



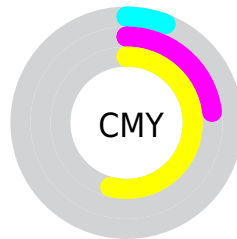
- Red (94%)
- Green (77%)
- Blue (46%)



- Red (71%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 239, 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 182, 239, 118 by changing the saturation by 10% instead.

 182, 239, 118

 182, 239, 118


255, 255, 255

 153, 210, 92

 173, 255, 172

 122, 181, 67

 199, 255, 199

 91, 152, 42

 228, 255, 228

 58, 124, 16

 37, 97, 0

 34, 71, 0


 30, 45, 0

 20, 2, 0


 0, 0, 0

 182, 239, 118


 182, 239, 118

 170, 239, 94

 194, 239, 142

 158, 239, 70

 204, 239, 166

 149, 239, 46

 216, 239, 190

 137, 239, 22

 228, 239, 214

 127, 239, 0

 239, 239, 237

 239, 244, 255

 239, 247, 255

Harmonies

Analogous

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



255, 211, 136



182, 239, 118



123, 211, 137

Triad

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



182, 239, 118



0, 115, 235



247, 180, 254

Complementary

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



182, 239, 118



118, 149, 239

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.



194, 195, 255



182, 239, 118



18, 127, 255

Square

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



182, 239, 118



88, 166, 225



121, 174, 255



255, 170, 214

Rectangle

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



182, 239, 118



140, 217, 192



121, 174, 255



232, 185, 255

Sweetspot

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



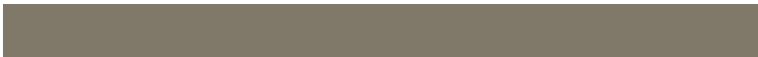
182, 239, 118



237, 255, 217



239, 118, 160



117, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



182, 239, 118



182, 255, 99



118, 239, 136



114, 120, 108



98, 184, 0



29, 56, 0

Inverse Universe

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



118, 149, 239



99, 139, 255



136, 118, 239



108, 111, 120



0, 47, 184



0, 14, 56

Previews

White Background



This preview shows how the RYB color 182, 239, 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 182, 239, 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 182, 239, 118 Background



This preview shows how black text looks on a background with the RYB color 182, 239, 118.

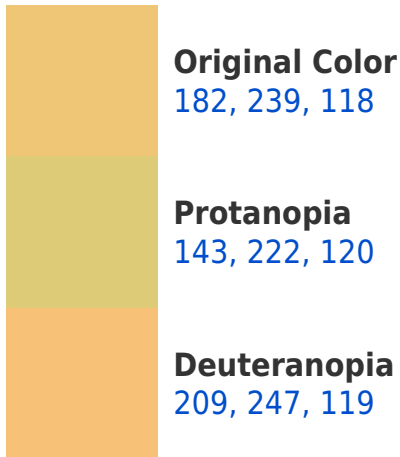


This preview shows how white text looks on a background with the RYB color 182, 239, 118.

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





Tritanopia
247, 187, 202

Trichromacy



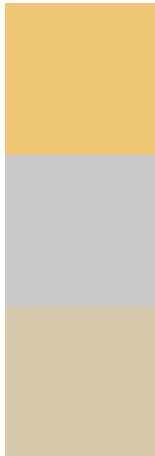
Original Color
182, 239, 118

Protanomaly
155, 228, 119

Deuteranomaly
200, 244, 119

Tritanomaly
244, 199, 171

Monochromacy



Original Color
182, 239, 118

Achromatopsia
201, 201, 201

Achromatomaly
194, 215, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 239, 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(239, 197, 118)` looks like.

```
.text, #text, p{  
    color:rgb(239, 197, 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(239, 197, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 197, 118) }
```

Border

The CSS property to change the border of an element to RYB 182, 239, 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(239, 197, 118) }
```

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

```
.border{ border-color:rgb(239, 197, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 197, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 197, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 197, 118);  
box-shadow:4px 4px 4px 4px rgb(239, 197,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 182, 239, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 197, 118) }
```

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

```
.background{ background-color: rgb(239,  
197, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor