

Converting Colors

`RYB(118, 244, 100)`

Have a look what the booklet for
RYB(118, 244, 100) contains.

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Color

R_YB(118, 244, 100)

Conversions

Conversions Part 1

Format	Color
Hex	F4E464
RGB	244, 228, 100
RGB Percent	96%, 89%, 39%
CMY	0.0431, 0.1059, 0.6078
CMYK	0.00, 0.07, 0.59, 0.04
HSL	53°, 87%, 67%
HSV	53°, 59%, 96%
XYZ	67.3519, 75.6400, 23.1067
YIQ	218.1920, 50.6240, -36.4160

Conversions

Conversions Part 2

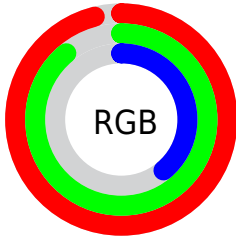
Format	Color
R _{YB}	118, 244, 100
Decimal	16049252
CIE Lab	89.69, -9.80, 62.93
CIE LCh	90, 63.691, 98.853
Yxy	75.6400, 0.4055, 0.4554
Android (android.graphics.Color)	4294239332 (0xFFFF4E464)
YUV	218.1920, -58.2687, 22.6336
Hunter-Lab	86.9713, -13.9666, 45.1276

Details

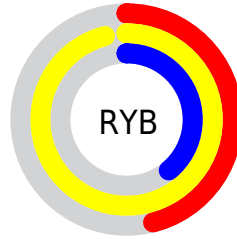
The RYB color **118, 244, 100** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **100, 114, 244**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **155, 255, 155**, and **57, 185, 44** is the 20% darker color. If you saturate the color by 10%, you get **97, 244, 76**, and if you desaturate by 10%, it is **139, 244, 124**.

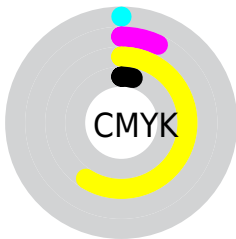
Distribution



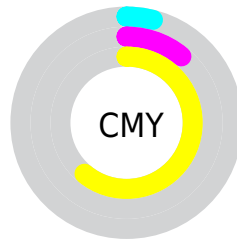
- Red (96%)
- Green (89%)
- Blue (39%)



- Red (46%)
- Yellow (96%)
- Blue (39%)



- Cyan (0%)
- Magenta (7%)
- Yellow (59%)
- Black (4%)



















- Cyan (4%)
- Magenta (11%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 244, 100 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 118, 244, 100 by changing the saturation by 10% instead.

 118, 244, 100	 118, 244, 100
 255, 255, 255	 89, 214, 73
 155, 255, 155	 57, 185, 44
 183, 255, 183	 15, 156, 4
 212, 255, 212	 7, 128, 0
 241, 255, 241	 4, 100, 0
	 1, 74, 0
	 0, 51, 4
	 0, 30, 7
	 0, 0, 0

■ 118, 244, 100

■ 118, 244, 100

■ 97, 244, 76

■ 139, 244, 124

■ 75, 244, 51

■ 161, 244, 149

■ 54, 244, 27

■ 182, 244, 173

■ 32, 244, 2

■ 204, 244, 198

■ 30, 244, 0

■ 224, 244, 222

■ 244, 244, 246

■ 244, 246, 255

■ 244, 248, 255

■ 244, 249, 255

Harmonies

Analogous

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



183, 255, 111



118, 244, 100



127, 244, 193

Triad

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



118, 244, 100



0, 127, 255



255, 181, 255

Complementary

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



118, 244, 100



100, 114, 244

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.



254, 202, 255



118, 244, 100



0, 125, 255

Square

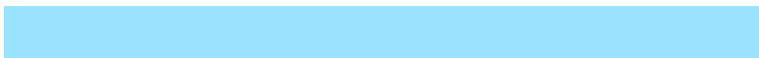
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



118, 244, 100



0, 131, 255



153, 196, 255



255, 174, 210

Rectangle

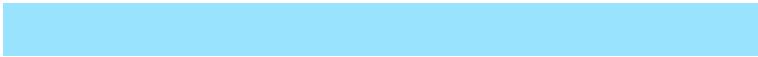
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



118, 244, 100



124, 223, 251



153, 196, 255



255, 187, 255

Sweetspot

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



118, 244, 100



215, 255, 209



244, 100, 117



104, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



118, 244, 100



96, 255, 74



100, 244, 155



111, 122, 110



24, 186, 0



8, 59, 0

Inverse Universe

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



100, 114, 244



74, 92, 255



155, 100, 244



110, 112, 122



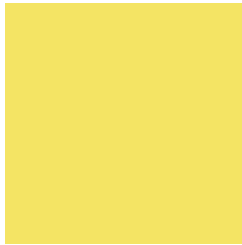
0, 19, 186



0, 6, 59

Previews

White Background



This preview shows how the RYB color 118, 244, 100 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 118, 244, 100 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 118, 244, 100 Background



This preview shows how black text looks on a background with the RYB color 118, 244, 100.



This preview shows how white text looks on a background with the RYB color 118, 244, 100.

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
118, 244, 100

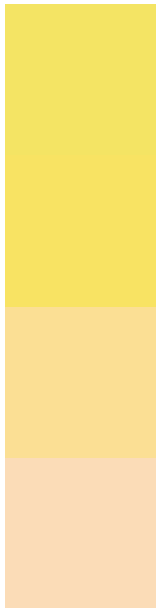
Protanopia
128, 250, 99

Deuteranopia
237, 255, 175



Tritanopia
255, 215, 231

Trichromacy



Original Color
118, 244, 100

Protanomaly
123, 248, 99

Deuteranomaly
186, 251, 148

Tritanomaly
240, 251, 183

Monochromacy



Original Color
118, 244, 100

Achromatopsia
218, 218, 218

Achromatomaly
181, 227, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 244, 100 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(244, 228, 100)` looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 100)  
}
```

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(244, 228, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 100) }
```

Border

The CSS property to change the border of an element to RYB 118, 244, 100 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(244, 228, 100) }
```

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

```
.border{ border-color:rgb(244, 228, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 228, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 228, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 228, 100);  
box-shadow:4px 4px 4px 4px rgb(244, 228,  
100) }
```

Background

The CSS property to change the background color of an element to RYB 118, 244, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 100) }
```

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

```
.background{ background-color: rgb(244,  
228, 100) }
```

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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