

Converting Colors

`RYB(125, 252, 106)`

Have a look what the booklet for
RYB(125, 252, 106) contains.

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Color

R_YB(125, 252, 106)

Conversions

Conversions Part 1

Format	Color
Hex	FCEB6A
RGB	252, 235, 106
RGB Percent	99%, 92%, 42%
CMY	0.0118, 0.0777, 0.5843
CMYK	0.00, 0.07, 0.58, 0.01
HSL	53°, 96%, 70%
HSV	53°, 58%, 99%
XYZ	72.5086, 81.2604, 25.4989
YIQ	225.3770, 51.5410, -36.5150

Conversions

Conversions Part 2

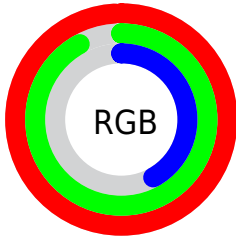
Format	Color
RYB	125, 252, 106
Decimal	16575338
CIELab	92.25, -9.72, 63.36
CIELCh	92, 64.097, 98.722
Yxy	81.2604, 0.4045, 0.4533
Android (android.graphics.Color)	4294765418 (0xFFFC6A)
YUV	225.3770, -58.8529, 23.3484
Hunter-Lab	90.1445, -14.1749, 46.3300

Details

The RYB color **125, 252, 106** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **106, 121, 252**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **161, 255, 161**, and **64, 193, 50** is the 20% darker color. If you saturate the color by 10%, you get **104, 252, 81**, and if you desaturate by 10%, it is **147, 252, 131**.

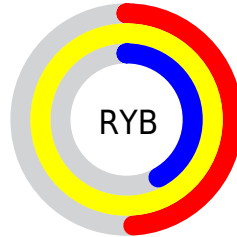
Distribution



Red (99%)

Green (92%)

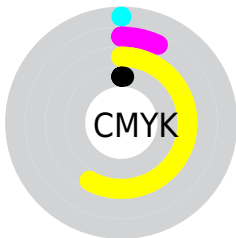
Blue (42%)



Red (49%)

Yellow (99%)

Blue (42%)

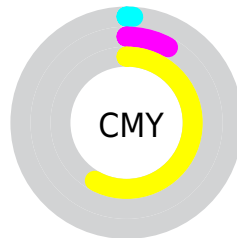


Cyan (0%)

Magenta (7%)

Yellow (58%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 252, 106 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 125, 252, 106 by changing the saturation by 10% instead.

 125, 252, 106

255, 255, 255

 161, 255, 161


 189, 255, 189


 218, 255, 218

 247, 255, 247

 125, 252, 106

 96, 222, 79

 64, 193, 50

 27, 164, 15


 9, 135, 0

 5, 107, 0

 2, 81, 0

 0, 56, 2

 0, 35, 6

 0, 15, 15

■ 125, 252, 106

■ 125, 252, 106

■ 104, 252, 81

■ 147, 252, 131

■ 82, 252, 56

■ 168, 252, 156

■ 59, 252, 30

■ 191, 252, 182

■ 37, 252, 5

■ 213, 252, 207

■ 33, 252, 0

■ 234, 252, 232

■ 252, 253, 255

■ 252, 254, 255

Harmonies

Analogous

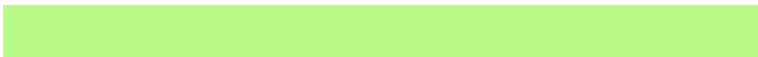
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175, 255, 117



125, 252, 106



133, 251, 198

Triad

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



125, 252, 106



0, 128, 255



255, 188, 255

Complementary

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



125, 252, 106



106, 121, 252

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, 209, 255



125, 252, 106



0, 126, 255

Square

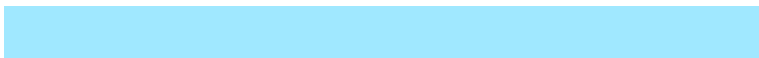
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125, 252, 106



0, 129, 255



160, 201, 255



255, 180, 217

Rectangle

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



125, 252, 106



131, 228, 255



160, 201, 255



255, 194, 255

Sweetspot

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



125, 252, 106



218, 255, 212



252, 106, 123



105, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



125, 252, 106



101, 255, 77



106, 252, 162



113, 125, 112



25, 189, 0



8, 61, 0

Inverse Universe

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



106, 121, 252



77, 95, 255



162, 106, 252



112, 114, 125



0, 20, 189



0, 6, 61

Previews

White Background



This preview shows how the RYB color 125, 252, 106 looks on a white background.

Color Contrast Check

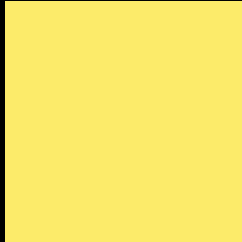
Large Text (above 18pt) WCAG AA × Fail

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 125, 252, 106 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 125, 252, 106 Background



This preview shows how black text looks on a background with the RYB color 125, 252, 106.



This preview shows how white text looks on a background with the RYB color 125, 252, 106.

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
125, 252, 106

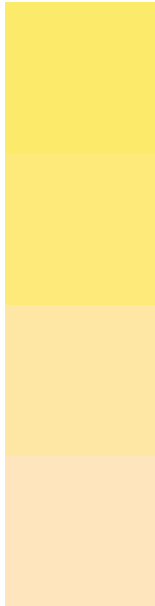
Protanopia
159, 255, 132

Deuteranopia
244, 255, 197



Tritanopia
255, 225, 237

Trichromacy



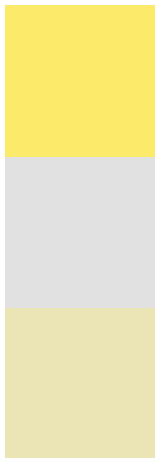
Original Color
125, 252, 106

Protanomaly
147, 254, 123

Deuteranomaly
195, 254, 164

Tritanomaly
230, 254, 189

Monochromacy



Original Color
125, 252, 106

Achromatopsia
225, 225, 225

Achromatomaly
189, 235, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 252, 106 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(252, 235, 106)` looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 106)  
}
```

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(252, 235, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 106) }
```

Border

The CSS property to change the border of an element to RYB 125, 252, 106 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(252, 235, 106) }
```

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

```
.border{ border-color:rgb(252, 235, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 235, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 235, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 235, 106);  
box-shadow:4px 4px 4px 4px rgb(252, 235,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 125, 252, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 106) }
```

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

```
.background{ background-color: rgb(252,  
235, 106) }
```

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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