

Converting Colors

`RYB(101, 252, 128)`

Have a look what the booklet for
RYB(101, 252, 128) contains.

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Color

R_YB(101, 252, 128)

Conversions

Conversions Part 1

Format	Color
Hex	E1FC65
RGB	225, 252, 101
RGB Percent	88%, 99%, 40%
CMY	0.1176, 0.0118, 0.6039
CMYK	0.11, 0.00, 0.60, 0.01
HSL	71°, 96%, 69%
HSV	71°, 60%, 99%
XYZ	68.2107, 86.5679, 25.4261
YIQ	226.7130, 32.3790, -52.6850

Conversions

Conversions Part 2

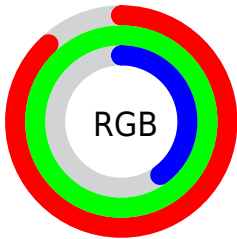
Format	Color
RYB	101, 252, 128
Decimal	14810213
CIELab	94.55, -28.88, 67.45
CIElCh	95, 73.372, 113.176
Yxy	86.5679, 0.3785, 0.4804
Android (android.graphics.Color)	4293000293 (0xFFE1FC65)
YUV	226.7130, -61.9765, -1.5023
Hunter-Lab	93.0419, -31.9617, 48.9268

Details

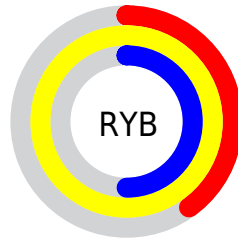
The RYB color **101, 252, 128** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **128, 101, 252**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **157, 255, 157**, and **42, 195, 70** is the 20% darker color. If you saturate the color by 10%, you get **76, 252, 108**, and if you desaturate by 10%, it is **126, 252, 148**.

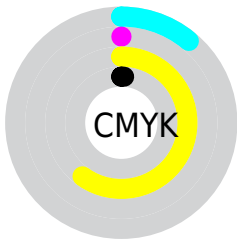
Distribution



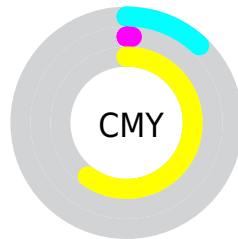
- Red (88%)
- Green (99%)
- Blue (40%)



- Red (40%)
- Yellow (99%)
- Blue (50%)



- Cyan (11%)
- Magenta (0%)
- Yellow (60%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 101, 252, 128 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 101, 252, 128 by changing the saturation by 10% instead.

 101, 252, 128

255, 255, 255

 157, 255, 157


 185, 255, 185


 214, 255, 214


 244, 255, 244


 101, 252, 128


 73, 223, 100


 42, 195, 70

 0, 168, 30

 0, 142, 32

 0, 116, 33

 0, 91, 35

 0, 68, 41

 0, 45, 45

 0, 25, 25

■ 101, 252, 128

■ 101, 252, 128

■ 76, 252, 108

■ 126, 252, 148

■ 51, 252, 87

■ 151, 252, 169

■ 25, 252, 66

■ 177, 252, 190

■ 0, 252, 45

■ 202, 252, 211

■ 227, 252, 231

■ 252, 252, 252

■ 255, 252, 255

Harmonies

Analogous

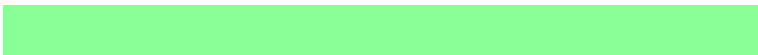
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



122, 255, 92



101, 252, 128



138, 243, 255

Triad

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



101, 252, 128



0, 128, 255



255, 178, 255

Complementary

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



101, 252, 128



128, 101, 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, 198, 255



101, 252, 128



0, 127, 255

Square

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



101, 252, 128



0, 128, 255



216, 225, 255



255, 181, 188

Rectangle

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



101, 252, 128



0, 144, 255



216, 225, 255



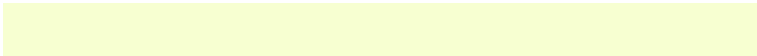
255, 183, 255

Sweetspot

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



101, 252, 128



209, 255, 217



252, 131, 101



99, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



101, 252, 128



71, 255, 104



101, 252, 202



112, 125, 114



0, 189, 34



0, 61, 11

Inverse Universe

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



128, 101, 252



104, 71, 255



202, 101, 252



115, 112, 125



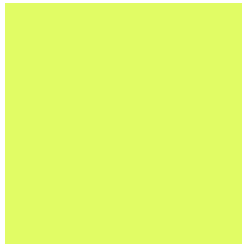
34, 0, 189



11, 0, 61

Previews

White Background



This preview shows how the RYB color 101, 252, 128 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 101, 252, 128 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 101, 252, 128 Background



This preview shows how black text looks on a background with the RYB color 101, 252, 128.

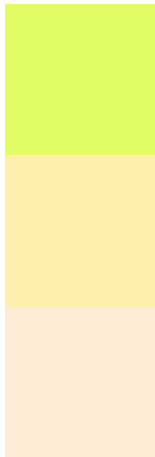


This preview shows how white text looks on a background with the RYB color 101, 252, 128.

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
101, 252, 128

Protanopia
195, 255, 175

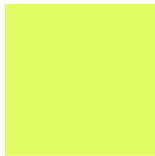
Deuteranopia
249, 255, 214



Tritanopia

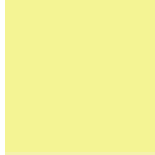
242, 236, 255

Trichromacy



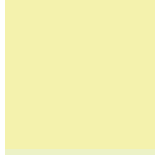
Original Color

101, 252, 128



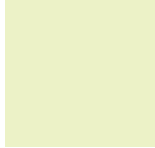
Protanomaly

148, 244, 148



Deuteranomaly

175, 244, 173



Tritanomaly

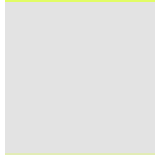
199, 242, 205

Monochromacy



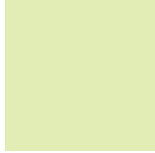
Original Color

101, 252, 128



Achromatopsia

227, 227, 227



Achromatomaly

181, 236, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 101, 252, 128 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(225, 252, 101)` looks like.

```
.text, #text, p{  
    color:rgb(225, 252, 101)  
}
```

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(225, 252, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 252, 101) }
```

Border

The CSS property to change the border of an element to RYB 101, 252, 128 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(225, 252, 101) }
```

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

```
.border{ border-color:rgb(225, 252, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 252, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 252, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 252, 101);  
box-shadow:4px 4px 4px 4px rgb(225, 252,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 101, 252, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 252, 101) }
```

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

```
.background{ background-color: rgb(225,  
252, 101) }
```

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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