

Converting Colors

`RYB(128, 255, 93)`

Have a look what the booklet for
RYB(128, 255, 93) contains.

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Color

`RYB(128, 255, 93)`

Conversions

Conversions Part 1

Format	Color
Hex	FFE25D
RGB	255, 226, 93
RGB Percent	100%, 89%, 36%
CMY	0.0000, 0.1129, 0.6353
CMYK	0.00, 0.11, 0.64, 0.00
HSL	49°, 100%, 68%
HSV	49°, 64%, 100%
XYZ	70.4715, 76.5618, 21.4196
YIQ	219.5090, 59.9770, -35.2150

Conversions

Conversions Part 2

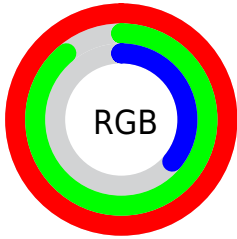
Format	Color
R_YB	128, 255, 93
Decimal	16769629
CIE Lab	90.12, -4.87, 66.65
CIE LCh	90, 66.824, 94.177
Yxy	76.5618, 0.4183, 0.4545
Android (android.graphics.Color)	4294959709 (0xFFFFE25D)
YUV	219.5090, -62.3689, 31.1256
Hunter-Lab	87.4996, -9.3617, 46.7357

Details

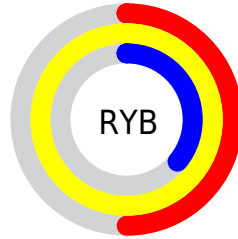
The RYB color **128, 255, 93** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **93, 118, 255**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **148, 255, 148**, and **62, 195, 34** is the 20% darker color. If you saturate the color by 10%, you get **107, 255, 67**, and if you desaturate by 10%, it is **148, 255, 119**.

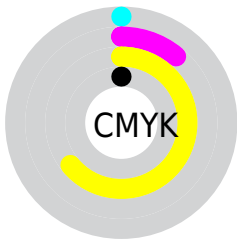
Distribution



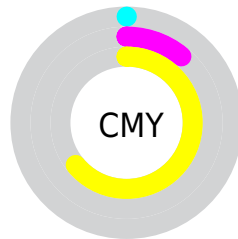
- Red (100%)
- Green (89%)
- Blue (36%)



- Red (50%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (11%)
- Yellow (64%)
- Black (0%)



















- Cyan (0%)
- Magenta (11%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 255, 93 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 128, 255, 93 by changing the saturation by 10% instead.

 128, 255, 93	 128, 255, 93
 255, 255, 255	 97, 225, 65
 148, 255, 148	 62, 195, 34
 176, 255, 176	 24, 166, 0
 205, 255, 205	 21, 137, 0
 234, 255, 234	 16, 109, 0
	 10, 81, 0
	 6, 55, 0
	 1, 30, 0
	 0, 1, 1

■ 128, 255, 93

■ 128, 255, 93

■ 107, 255, 67

■ 148, 255, 119

■ 88, 255, 42

■ 168, 255, 144

■ 67, 255, 16

■ 188, 255, 170

■ 55, 255, 0

■ 208, 255, 195

■ 228, 255, 221

■ 249, 255, 246

255, 255, 255

Harmonies

Analogous

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



192, 255, 111



128, 255, 93



116, 244, 172

Triad

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



128, 255, 93



0, 128, 255



255, 182, 255

Complementary

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



128, 255, 93



93, 118, 255

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.



243, 206, 255



128, 255, 93



0, 126, 255

Square

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



128, 255, 93



0, 133, 255



124, 183, 255



255, 171, 220

Rectangle

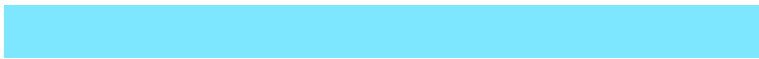
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



128, 255, 93



134, 239, 252



124, 183, 255



255, 189, 255

Sweetspot

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



128, 255, 93



218, 255, 207



255, 93, 123



106, 128, 98



0, 0, 0



128, 128, 128

Same Dimension

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



128, 255, 93



102, 255, 61



93, 255, 144



119, 128, 115



41, 191, 0



15, 64, 0

Inverse Universe

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



93, 118, 255



61, 91, 255



144, 93, 255



115, 117, 128



0, 29, 191



0, 9, 64

Previews

White Background



This preview shows how the RYB color 128, 255, 93 looks on a white background.

Color Contrast Check

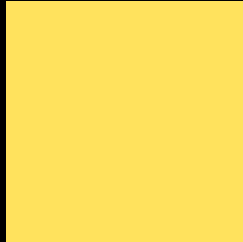
Large Text (above 18pt) WCAG AA × Fail

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 128, 255, 93 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](#).

RYP 128, 255, 93 Background



This preview shows how black text looks on a background with the RYP color 128, 255, 93.



This preview shows how white text looks on a background with the RYP color 128, 255, 93.

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
128, 255, 93

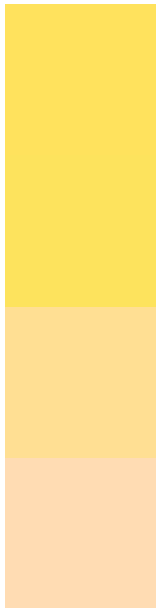
Protanopia
123, 252, 93

Deuteranopia
239, 255, 178



Tritanopia
255, 217, 228

Trichromacy



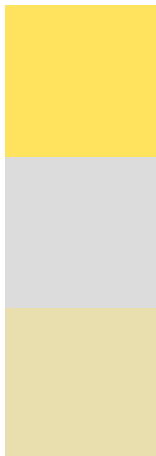
Original Color
128, 255, 93

Protanomaly
124, 253, 93

Deuteranomaly
192, 255, 147

Tritanomaly
244, 255, 179

Monochromacy



Original Color
128, 255, 93

Achromatopsia
220, 220, 220

Achromatomaly
188, 233, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 255, 93 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(255, 226, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 93)  
}
```

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(255, 226, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 93) }
```

Border

The CSS property to change the border of an element to RYB 128, 255, 93 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(255, 226, 93) }
```

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

```
.border{ border-color:rgb(255, 226, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
93) }
```

Background

The CSS property to change the background color of an element to RGB 128, 255, 93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 93) }
```

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

```
.background{ background-color: rgb(128,  
255, 93) }
```

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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