

Converting Colors

RGB(232, 255, 114)

Have a look what the booklet for
RGB(232, 255, 114) contains.

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Color

RGB(232, 255, 114)

Conversions

Conversions Part 1

Format	Color
Hex	E8FF72
RGB	232, 255, 114
RGB Percent	91%, 100%, 45%
CMY	0.0902, 0.0000, 0.5529
CMYK	0.09, 0.00, 0.55, 0.00
HSL	70°, 100%, 72%
HSV	70°, 55%, 100%
XYZ	72.0760, 89.8907, 29.4714
YIQ	232.0490, 31.5530, -48.7270

Conversions

Conversions Part 2

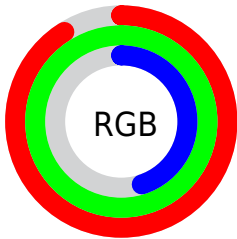
Format	Color
RYB	114, 255, 137
Decimal	15269746
CIELab	95.95, -26.60, 63.65
CIELCh	96, 68.980, 112.678
Yxy	89.8907, 0.3765, 0.4696
Android (android.graphics.Color)	4293459826 (0xFFE8FF72)
YUV	232.0490, -58.1982, -0.0430
Hunter-Lab	94.8107, -30.2214, 47.9375

Details

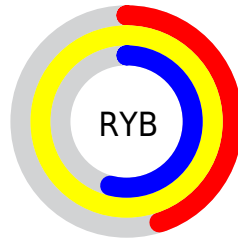
The RGB color **232, 255, 114** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **137, 114, 255**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 170**, and **174, 198, 58** is the 20% darker color. If you saturate the color by 10%, you get **228, 255, 89**, and if you desaturate by 10%, it is **236, 255, 140**.

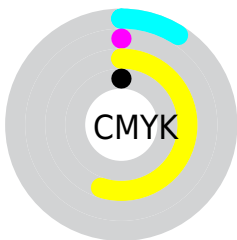
Distribution



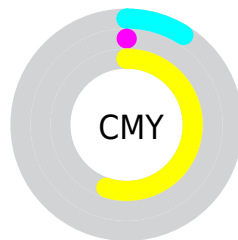
- Red (91%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (54%)



- Cyan (9%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 255, 114 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 RGB color 232, 255, 114 by changing the saturation by 10% instead.

 232, 255, 114

 232, 255, 114


255, 255, 255

 203, 226, 86

 255, 255, 170

 174, 198, 58

 255, 255, 198

 145, 171, 26

 255, 255, 227

 118, 144, 0

 90, 119, 0

 64, 94, 0

 36, 70, 0

 6, 48, 0

 0, 29, 0

232, 255, 114

232, 255, 114

228, 255, 89

236, 255, 140

224, 255, 63

240, 255, 165

220, 255, 37

244, 255, 191

215, 255, 12

249, 255, 216

213, 255, 0

253, 255, 242

255, 255, 255

Harmonies

Analogous

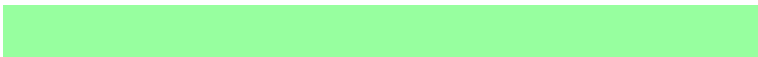
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 234, 106



232, 255, 114



151, 255, 159

Triad

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



232, 255, 114



0, 255, 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.



232, 255, 114



137, 114, 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.



255, 206, 255



232, 255, 114



45, 255, 255

Square

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



232, 255, 114



0, 255, 255



221, 232, 255



255, 189, 195

Rectangle

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



232, 255, 114



65, 255, 201



221, 232, 255



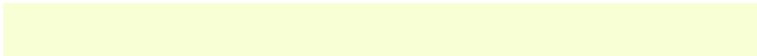
255, 192, 255

Sweetspot

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



232, 255, 114



248, 255, 212



255, 135, 114



123, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



232, 255, 114



228, 255, 87



163, 255, 114



125, 128, 115



160, 191, 0



53, 64, 0

Inverse Universe

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



137, 114, 255



114, 87, 255



206, 114, 255



117, 115, 128



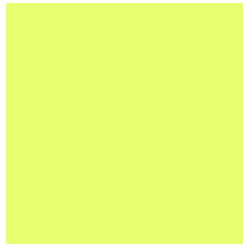
31, 0, 191



10, 0, 64

Previews

White Background



This preview shows how the RGB color 232, 255, 114 looks on a white background.

Color Contrast Check

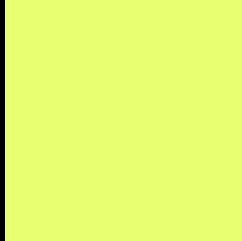
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 232, 255, 114 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](#).

RGB 232, 255, 114 Background



This preview shows how black text looks on a background with the RGB color 232, 255, 114.

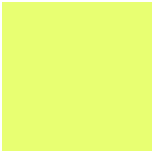
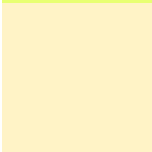
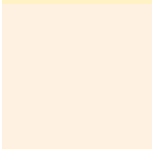


This preview shows how white text looks on a background with the RGB color 232, 255, 114.

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

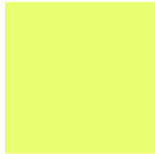
	Original Color 232, 255, 114
	Protanopia 255, 243, 198
	Deuteranopia 255, 241, 225



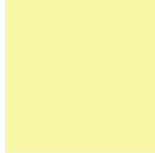
Tritanopia

247, 240, 255

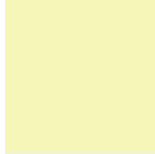
Trichromacy



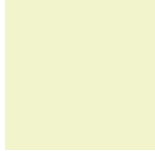
Original Color
232, 255, 114



Protanomaly
247, 247, 167



Deuteranomaly
247, 246, 185

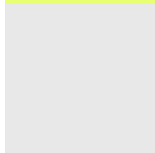


Tritanomaly
242, 245, 204

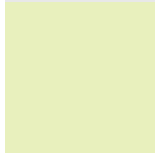
Monochromacy



Original Color
232, 255, 114



Achromatopsia
232, 232, 232



Achromatomaly
232, 240, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 255, 114 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(232, 255, 114)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 114)  
}
```

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(232, 255, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 114) }
```

Border

The CSS property to change the border of an element to RGB 232, 255, 114 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(232, 255, 114) }
```

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

```
.border{ border-color:rgb(232, 255, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 114);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 232, 255, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 114) }
```

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

```
.background{ background-color: rgb(232,  
255, 114) }
```

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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