

Converting Colors

RGB(230, 250, 105)

Have a look what the booklet for
RGB(230, 250, 105) contains.

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Color

RGB(230, 250, 105)

Conversions

Conversions Part 1

Format	Color
Hex	E6FA69
RGB	230, 250, 105
RGB Percent	90%, 98%, 41%
CMY	0.0980, 0.0196, 0.5882
CMYK	0.08, 0.00, 0.58, 0.02
HSL	68°, 94%, 70%
HSV	68°, 58%, 98%
XYZ	69.3685, 86.2141, 26.3495
YIQ	227.4900, 34.6250, -49.3350

Conversions

Conversions Part 2

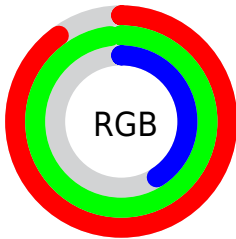
Format	Color
RYB	105, 250, 125
Decimal	15137385
CIELab	94.40, -25.71, 65.72
CIELCh	94, 70.567, 111.364
Yxy	86.2141, 0.3813, 0.4739
Android (android.graphics.Color)	4293327465 (0xFFE6FA69)
YUV	227.4900, -60.3876, 2.2013
Hunter-Lab	92.8516, -29.1346, 48.1707

Details

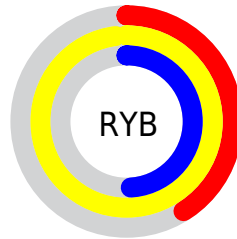
The RGB color **230, 250, 105** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **125, 105, 250**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 161**, and **172, 194, 48** is the 20% darker color. If you saturate the color by 10%, you get **227, 250, 80**, and if you desaturate by 10%, it is **233, 250, 130**.

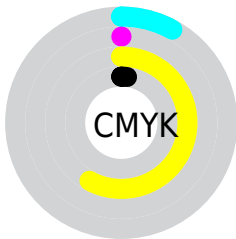
Distribution



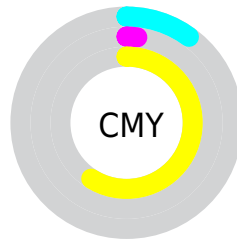
- Red (90%)
- Green (98%)
- Blue (41%)



- Red (41%)
- Yellow (98%)
- Blue (49%)



- Cyan (8%)
- Magenta (0%)
- Yellow (58%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 250, 105 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 230, 250, 105 by changing the saturation by 10% instead.

 230, 250, 105

 230, 250, 105

255, 255, 255

 201, 221, 77

 255, 255, 161

 172, 194, 48

 255, 255, 189

 143, 166, 6

 255, 255, 218

 115, 140, 0

 255, 255, 247

 88, 115, 0

 61, 90, 0

 34, 66, 0

 4, 44, 0


 0, 24, 0

 230, 250, 105


 230, 250, 105

 227, 250, 80

 233, 250, 130

 223, 250, 55


 237, 250, 155

 220, 250, 30

 240, 250, 180

 216, 250, 5

 244, 250, 205

 216, 250, 0

 247, 250, 230

 251, 250, 255

 254, 250, 255

 255, 250, 255

Harmonies

Analogous

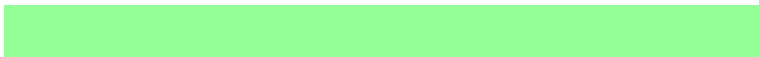
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 228, 99



230, 250, 105



148, 255, 150

Triad

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



230, 250, 105



0, 255, 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.



230, 250, 105



125, 105, 250

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, 201, 255



230, 250, 105



0, 252, 255

Square

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



230, 250, 105



0, 255, 255



210, 229, 255



255, 183, 193

Rectangle

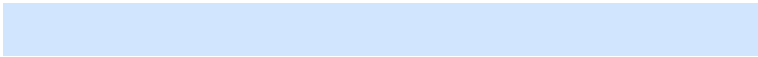
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230, 250, 105



56, 255, 193



210, 229, 255



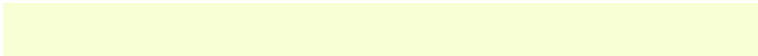
255, 186, 255

Sweetspot

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



230, 250, 105



249, 255, 212



250, 124, 105



124, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



230, 250, 105



230, 255, 77



158, 250, 105



123, 125, 112



163, 189, 0



53, 61, 0

Inverse Universe

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



125, 105, 250



101, 77, 255



197, 105, 250



114, 112, 125



26, 0, 189



8, 0, 61

Previews

White Background



This preview shows how the RGB color 230, 250, 105 looks on a white background.

Color Contrast Check

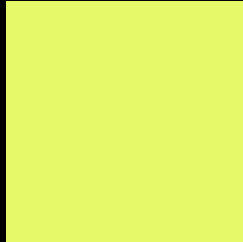
Large Text (above 18pt) WCAG AA × Fail

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 230, 250, 105 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 230, 250, 105 Background



This preview shows how black text looks on a background with the RGB color 230, 250, 105.


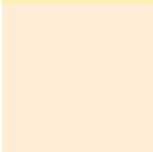


This preview shows how white text looks on a background with the RGB color 230, 250, 105.

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 230, 250, 105
	Protanopia 255, 239, 173
	Deuteranopia 255, 236, 213



Tritanopia

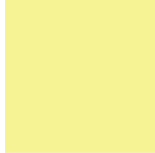
246, 235, 253

Trichromacy



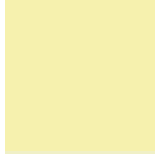
Original Color

230, 250, 105



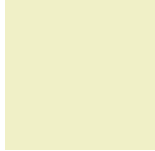
Protanomaly

246, 243, 148



Deuteranomaly

246, 241, 174



Tritanomaly

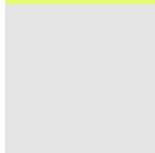
240, 240, 199

Monochromacy



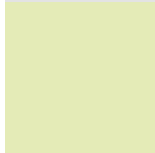
Original Color

230, 250, 105



Achromatopsia

227, 227, 227



Achromatomaly

228, 235, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 250, 105 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(230, 250, 105)` looks like.

```
.text, #text, p{  
    color:rgb(230, 250, 105)  
}
```

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(230, 250, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 250, 105) }
```

Border

The CSS property to change the border of an element to RGB 230, 250, 105 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(230, 250, 105) }
```

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

```
.border{ border-color:rgb(230, 250, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 250, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 250, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 250, 105);  
box-shadow:4px 4px 4px 4px rgb(230, 250,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 230, 250, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 250, 105) }
```

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

```
.background{ background-color: rgb(230,  
250, 105) }
```

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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