

Converting Colors

RGB(216, 233, 78)

Have a look what the booklet for
RGB(216, 233, 78) contains.

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Color

RGB(216, 233, 78)

Conversions

Conversions Part 1

Format	Color
Hex	D8E94E
RGB	216, 233, 78
RGB Percent	85%, 91%, 31%
CMY	0.1529, 0.0863, 0.6941
CMYK	0.07, 0.00, 0.67, 0.09
HSL	67°, 78%, 61%
HSV	67°, 67%, 91%
XYZ	58.8330, 73.4268, 18.2797
YIQ	210.2470, 39.6230, -51.8090

Conversions

Conversions Part 2

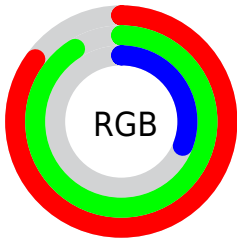
Format	Color
RYB	78, 233, 95
Decimal	14215502
CIELab	88.65, -24.96, 70.10
CIELCh	89, 74.413, 109.600
Yxy	73.4268, 0.3908, 0.4878
Android (android.graphics.Color)	4292405582 (0xFFD8E94E)
YUV	210.2470, -65.1978, 5.0454
Hunter-Lab	85.6894, -27.4014, 47.3346

Details

The RGB color **216, 233, 78** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **95, 78, 233**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 255, 135**, and **158, 177, 0** is the 20% darker color. If you saturate the color by 10%, you get **213, 233, 55**, and if you desaturate by 10%, it is **219, 233, 101**.

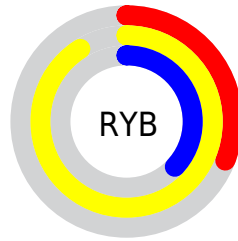
Distribution



Red (85%)

Green (91%)

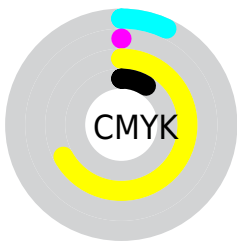
Blue (31%)



Red (31%)

Yellow (91%)

Blue (37%)

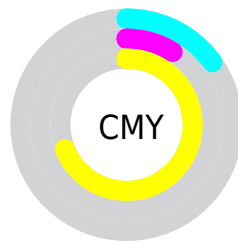


Cyan (7%)

Magenta (0%)

Yellow (67%)

Black (9%)



Cyan (15%)


















Magenta (9%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 233, 78 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 216, 233, 78 by changing the saturation by 10% instead.

 216, 233, 78	 216, 233, 78
 255, 255, 255	 187, 205, 48
 255, 255, 135	 158, 177, 0
 255, 255, 163	 129, 151, 0
 255, 255, 192	 101, 125, 0
 255, 255, 221	 75, 100, 0
 255, 255, 250	 47, 76, 0
	 19, 53, 0
	 0, 33, 0
	 0, 0, 0

216, 233, 78

216, 233, 78

213, 233, 55

219, 233, 101

211, 233, 31

221, 233, 125

208, 233, 8

224, 233, 148

207, 233, 0

226, 233, 171

229, 233, 195

231, 233, 218

234, 233, 241

236, 233, 255

239, 233, 255

Harmonies

Analogous

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



255, 210, 75



216, 233, 78



131, 248, 126

Triad

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



216, 233, 78



0, 252, 255



255, 161, 250

Complementary

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



216, 233, 78



95, 78, 233

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, 184, 255



216, 233, 78



0, 238, 255

Square

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



216, 233, 78



0, 255, 255



181, 214, 255



255, 161, 179

Rectangle

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



216, 233, 78



0, 254, 170



181, 214, 255



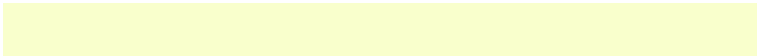
255, 167, 255

Sweetspot

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



216, 233, 78



249, 255, 204



233, 94, 78



124, 128, 97



0, 0, 0



128, 128, 128

Same Dimension

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



216, 233, 78



233, 255, 51



140, 233, 78



116, 117, 106



161, 181, 0



48, 54, 0

Inverse Universe

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



95, 78, 233



73, 51, 255



171, 78, 233



107, 106, 117



20, 0, 181



6, 0, 54

Previews

White Background



This preview shows how the RGB color 216, 233, 78 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 216, 233, 78 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 216, 233, 78 Background



This preview shows how black text looks on a background with the RGB color 216, 233, 78.

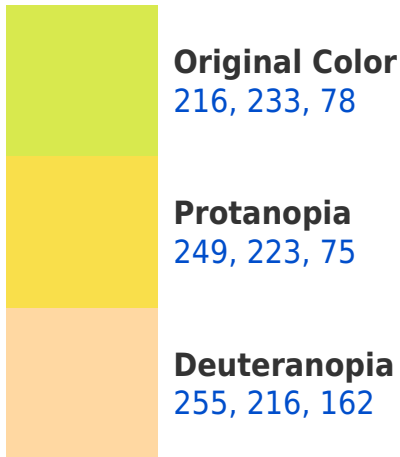


This preview shows how white text looks on a background with the RGB color 216, 233, 78.

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](#).

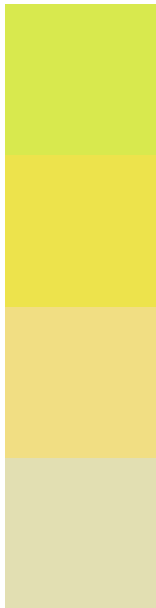
Dichromacy





Tritanopia
231, 218, 235

Trichromacy



Original Color
216, 233, 78

Protanomaly
237, 227, 76

Deuteranomaly
241, 222, 131

Tritanomaly
226, 223, 178

Monochromacy



Original Color
216, 233, 78

Achromatopsia
210, 210, 210

Achromatomaly
212, 218, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 233, 78 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(216, 233, 78)` looks like.

```
.text, #text, p{  
    color:rgb(216, 233, 78)  
}
```

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(216, 233, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 233, 78) }
```

Border

The CSS property to change the border of an element to RGB 216, 233, 78 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(216, 233, 78) }
```

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

```
.border{ border-color:rgb(216, 233, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 233, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 233, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 233, 78);  
box-shadow:4px 4px 4px 4px rgb(216, 233,  
78) }
```

Background

The CSS property to change the background color of an element to RGB 216, 233, 78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 233, 78) }
```

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

```
.background{ background-color: rgb(216,  
233, 78) }
```

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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