

Converting Colors

RGB(215, 239, 16)

Have a look what the booklet for
RGB(215, 239, 16) contains.

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Color

RGB(215, 239, 16)

Conversions

Conversions Part 1

Format	Color
Hex	D7EF10
RGB	215, 239, 16
RGB Percent	84%, 94%, 6%
CMY	0.1569, 0.0627, 0.9373
CMYK	0.10, 0.00, 0.93, 0.06
HSL	66°, 87%, 50%
HSV	66°, 93%, 94%
XYZ	58.9844, 76.2175, 12.0929
YIQ	206.4020, 57.2790, -74.4410

Conversions

Conversions Part 2

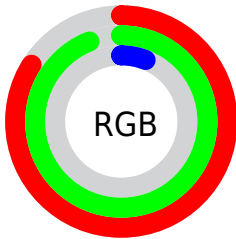
Format	Color
R_{YB}	16, 239, 40
Decimal	14151440
CIE _{Lab}	89.96, -30.24, 86.55
CIE _{LCh}	90, 91.685, 109.259
Yxy	76.2175, 0.4005, 0.5174
Android (android.graphics.Color)	4292341520 (0xFFD7EF10)
YUV	206.4020, -93.8682, 7.5404
Hunter-Lab	87.3026, -32.1795, 52.8992

Details

The RGB color **215, 239, 16** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **40, 16, 239**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 255, 96**, and **155, 183, 0** is the 20% darker color. If you saturate the color by 10%, you get **213, 239, 0**, and if you desaturate by 10%, it is **218, 239, 40**.

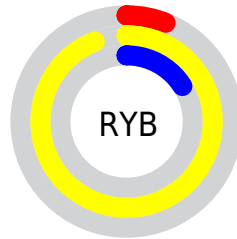
Distribution



Red (84%)

Green (94%)

Blue (6%)



Red (6%)

Yellow (94%)

Blue (16%)

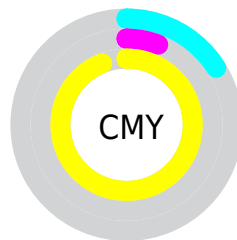


Cyan (10%)

Magenta (0%)

Yellow (93%)

Black (6%)



Cyan (16%)



















Magenta (6%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 239, 16 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 215, 239, 16 by changing the saturation by 10% instead.

 215, 239, 16	 215, 239, 16
 255, 255, 255	 185, 211, 0
 255, 255, 96	 155, 183, 0
 255, 255, 126	 126, 156, 0
 255, 255, 156	 98, 130, 0
 255, 255, 186	 69, 105, 0
 255, 255, 215	 40, 81, 0
 255, 255, 246	 7, 57, 0
	 0, 36, 0
	 0, 0, 0

■ 215, 239, 16

■ 215, 239, 16

■ 213, 239, 0

■ 218, 239, 40

■ 220, 239, 64

■ 223, 239, 88

■ 225, 239, 112

■ 228, 239, 135

■ 230, 239, 159

■ 233, 239, 183

■ 236, 239, 207

■ 238, 239, 231

Harmonies

Analogous

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



255, 211, 12



215, 239, 16



102, 255, 103

Triad

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



215, 239, 16



0, 255, 255



255, 142, 255

Complementary

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



215, 239, 16



40, 16, 239

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, 177, 255



215, 239, 16



0, 246, 255

Square

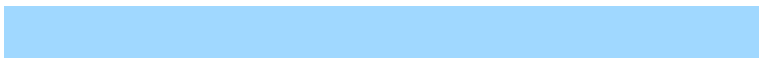
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 239, 16



0, 255, 255



160, 216, 255



255, 141, 174

Rectangle

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



215, 239, 16



0, 255, 160



160, 216, 255



255, 151, 255

Sweetspot

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



215, 239, 16



247, 255, 184



239, 38, 16



123, 128, 84



0, 0, 0



128, 128, 128

Same Dimension

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



215, 239, 16



228, 255, 0



105, 239, 16



119, 120, 108



164, 184, 0



50, 56, 0

Inverse Universe

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



40, 16, 239



27, 0, 255



150, 16, 239



109, 108, 120



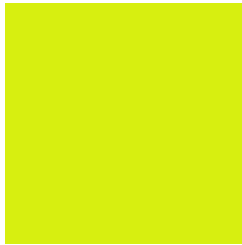
20, 0, 184



6, 0, 56

Previews

White Background



This preview shows how the RGB color 215, 239, 16 looks on a white background.

Color Contrast Check

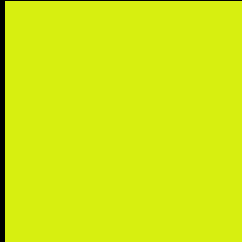
Large Text (above 18pt) WCAG AA × Fail

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 215, 239, 16 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 215, 239, 16 Background



This preview shows how black text looks on a background with the RGB color 215, 239, 16.

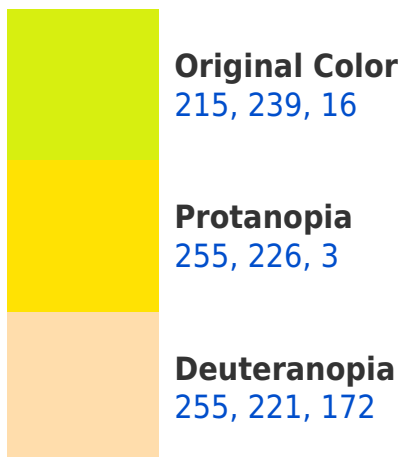


This preview shows how white text looks on a background with the RGB color 215, 239, 16.

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](#).

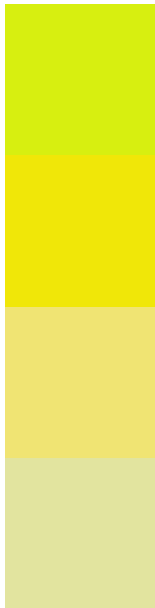
Dichromacy





Tritanopia
233, 222, 240

Trichromacy



Original Color

215, 239, 16

Protanomaly

240, 231, 8

Deuteranomaly

240, 228, 115

Tritanomaly

226, 228, 159

Monochromacy



Original Color

215, 239, 16

Achromatopsia

206, 206, 206

Achromatomaly

209, 218, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 239, 16 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(215, 239, 16)` looks like.

```
.text, #text, p{  
    color:rgb(215, 239, 16)  
}
```

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(215, 239, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 239, 16) }
```

Border

The CSS property to change the border of an element to RGB 215, 239, 16 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(215, 239, 16) }
```

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

```
.border{ border-color:rgb(215, 239, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 239, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 239, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 239, 16);  
box-shadow:4px 4px 4px 4px rgb(215, 239,  
16) }
```

Background

The CSS property to change the background color of an element to RGB 215, 239, 16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 239, 16) }
```

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

```
.background{ background-color: rgb(215,  
239, 16) }
```

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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