

Converting Colors

Hex(FFE116)

Have a look what the booklet for
Hex(FFE116) contains.

Hex(FFE116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFE116)

Conversions

Conversions Part 1

Format	Color
Hex	FFE116
RGB	255, 225, 22
RGB Percent	100%, 88%, 9%
CMY	0.0000, 0.1176, 0.9137
CMYK	0.00, 0.12, 0.91, 0.00
HSL	52°, 100%, 54%
HSV	52°, 91%, 100%
XYZ	68.3100, 75.1684, 11.6677
YIQ	210.8280, 83.0430, -56.7730

Conversions

Conversions Part 2

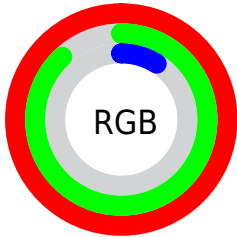
Format	Color
R _Y B	56, 255, 22
Decimal	16769302
CIE Lab	89.47, -6.75, 86.85
CIE LCh	89, 87.114, 94.444
Yxy	75.1684, 0.4403, 0.4845
Android (android.graphics.Color)	4294959382 (0xFFFFE116)
YUV	210.8280, -93.0922, 38.7388
Hunter-Lab	86.6997, -11.0856, 52.7108

Details

The Hex color **FFE116** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **1634FF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF61**, and **C1AA00** is the 20% darker color. If you saturate the color by 10%, you get **FFDE00**, and if you desaturate by 10%, it is **FFE430**.

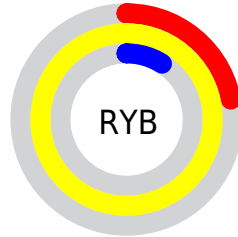
Distribution



Red (100%)

Green (88%)

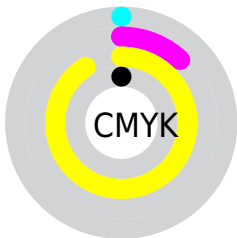
Blue (9%)



Red (22%)

Yellow (100%)

Blue (9%)

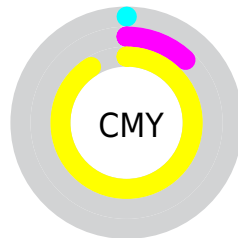


Cyan (0%)

Magenta (12%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE116 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 Hex color FFE116 by changing the saturation by 10% instead.

 FFE116

 FFE116

FFFFFF

 E0C500

 FFFF61

 C1AA00

 FFFF7F

 A39000

 FFFF9C

 867700

 FFFFBA

 695E00

 FFFFD7

 4D4700

 FFFFF5

 333100

 1B1C00

 000000

 FFE116

 FFE116

 FFDE00

 FFE430

 FFE849

 FFE862

 FFEE7C

 FFF195

 FFF5AF

 FFF8C9

 FFFBE2

 FFFFFB

Harmonies

Analogous

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



FFC243



FFE116



A9F749

Triad

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



FFE116



00FFFF



FFA0FF

Complementary

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



FFE116



1634FF

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.



F2C5FF



FFE116



00FCFF

Square

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



FFE116



00FFEB



00E7FF



FF8ED8

Rectangle

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



FFE116



52FF7A



00E7FF



FFACFF

Sweetspot

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



FFE116



FFF6BA



FF1635



807A57



000000



808080

Same Dimension

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



FFE116



FFDE00



AAFF16



807E73



BFA700



403800

Inverse Universe

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



1634FF



0021FF



6B16FF



737480



0019BF



000840

Previews

White Background



This preview shows how the Hex color FFE116 looks on a white background.

Color Contrast Check

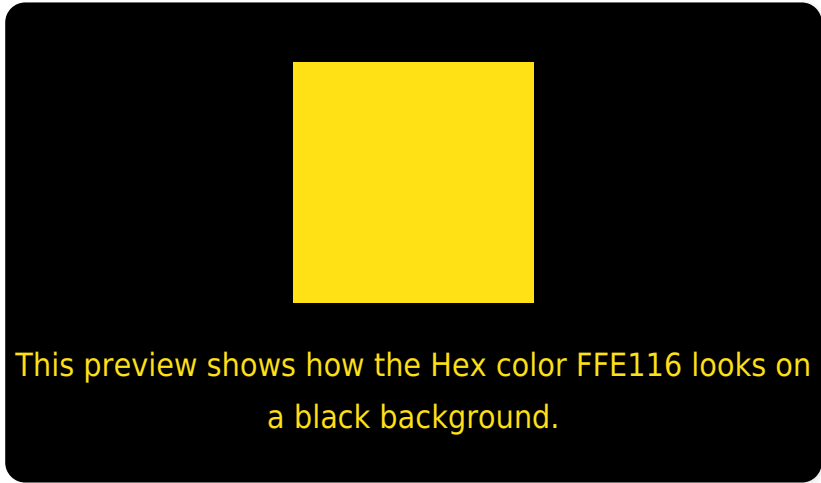
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

Hex FFE116 Background



This preview shows how black text looks on a background with the Hex color FFE116.



This preview shows how white text looks on a background with the Hex color FFE116.

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
FFE116

Protanopia
FEE116

Deuteranopia
FFDBA9



Tritanopia
FFD6E1

Trichromacy



Original Color
FFE116

Protanomaly
FEE116



Deuteranomaly
FFDD74



Tritanomaly
FFDA97

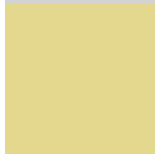
Monochromacy



Original Color
FFE116



Achromatopsia
D3D3D3



Achromatomaly
E3D88E

CSS Examples

Text

The CSS property to change the color of the text to Hex FFE116 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 #FFE116 looks like.

```
.text, #text, p{  
    color:#FFE116  
}
```

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 #FFE116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE116
}
```

Border

The CSS property to change the border of an element to Hex FFE116 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
#FFE116 }
```

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

```
.border{ border-color:#FFE116 }
```

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

Here you see how a box with a 4 pixel #FFE116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE116; -webkit-box-shadow:4px 4px  
4px 4px #FFE116; box-shadow:4px 4px 4px  
4px #FFE116 }
```

Background

The CSS property to change the background color of an element to Hex FFE116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE116 }
```

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

```
.background{ background-color:#FFE116 }
```

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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