

Converting Colors

Hex(FFE000)

Have a look what the booklet for
Hex(FFE000) contains.

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Color

Hex(FFE000)

Conversions

Conversions Part 1

Format	Color
Hex	FFE000
RGB	255, 224, 0
RGB Percent	100%, 88%, 0%
CMY	0.0000, 0.1216, 1.0000
CMYK	0.00, 0.12, 1.00, 0.00
HSL	53°, 100%, 50%
HSV	53°, 100%, 100%
XYZ	67.8957, 74.5713, 10.8152
YIQ	207.7330, 90.3800, -63.0920

Conversions

Conversions Part 2

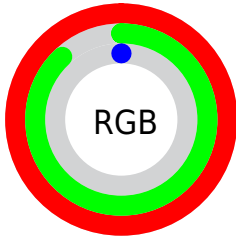
Format	Color
R _Y B	35, 255, 0
Decimal	16769024
CIE Lab	89.19, -6.45, 88.74
CIE LCh	89, 88.976, 94.157
Yxy	74.5713, 0.4429, 0.4865
Android (android.graphics.Color)	4294959104 (0xFFFFE000)
YUV	207.7330, -102.4124, 41.4532
Hunter-Lab	86.3547, -10.7765, 53.0227

Details

The Hex color **FFE000** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **001FFF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFF5A**, and **C1A900** is the 20% darker color. If you saturate the color by 10%, you get **FFE000**, and if you desaturate by 10%, it is **FFE319**.

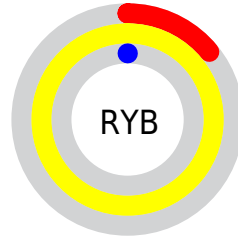
Distribution



Red (100%)

Green (88%)

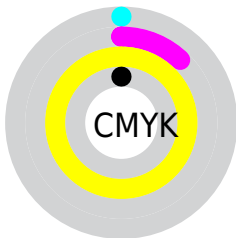
Blue (0%)



Red (14%)

Yellow (100%)

Blue (0%)

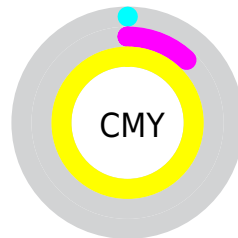


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE000 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 FFE000 by changing the saturation by 10% instead.

 FFE000

 FFE000

FFFFFF

 E0C400

 FFFF5A

 C1A900

 FFFF79

 A38F00

 FFFF97

 867600

 FFFFB4

 695E00

 FFFFD2

 4D4600

 FFFFF0

 333000

 1A1C00

 000000

 FFE000

 FFE319

 FFE633

 FFE94D

 FFEC66

 FFF080

 FFF399

 FFF6B3

 FFF9CC

 FFFCE6

Harmonies

Analogous

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



FFC03E



FFE000



A7F643

Triad

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



FFE000



00FFFF



FF9EFF

Complementary

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



FFE000



001FFF

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.



F0C4FF



FFE000



00FCFF

Square

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



FFE000



00FFEA



00E6FF



FF8AD8

Rectangle

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



FFE000



4CFF76



00E6FF



FFAAFF

Sweetspot

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



FFE000



FFF6B3



FF0022



807A52



000000



808080

Same Dimension

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



FFE000



A2FF00



807E73



BFA800



403800

Inverse Universe

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



001FFF



5D00FF



737480



0017BF



000840

Previews

White Background



This preview shows how the Hex color FFE000 looks on a white background.

Color Contrast Check

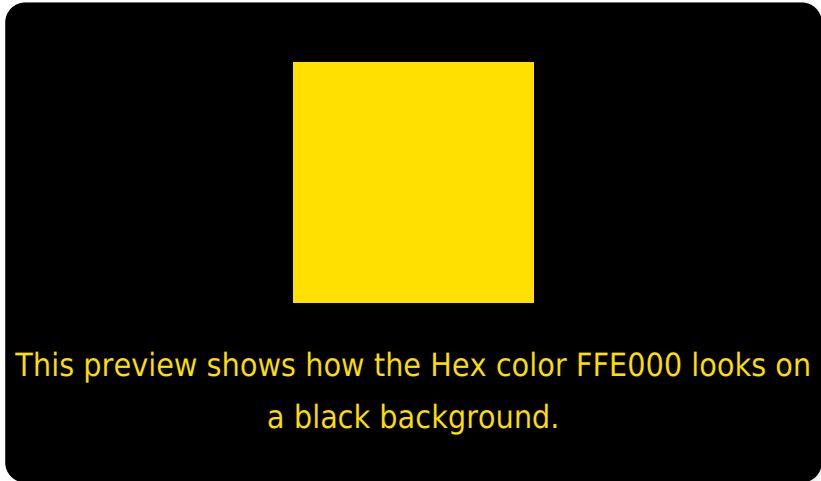
Large Text (above 18pt) WCAG AA × Fail

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 FFE000 Background



This preview shows how black text looks on a background with the Hex color FFE000.

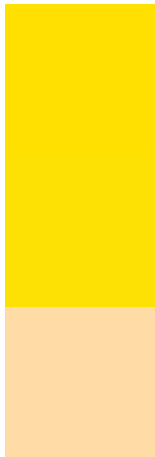


This preview shows how white text looks on a background with the Hex color FFE000.

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
FFE000

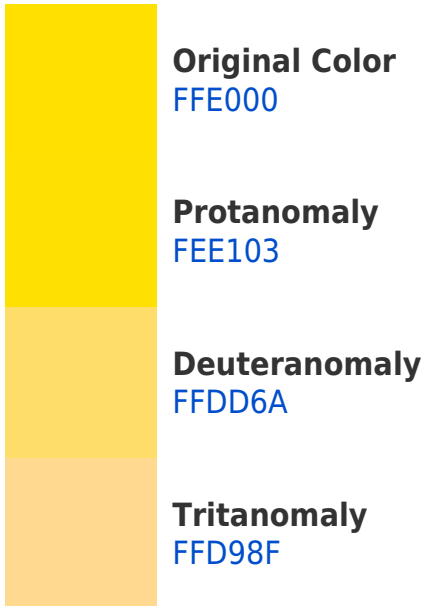
Protanopia
FDE104

Deuteranopia
FFDBA6

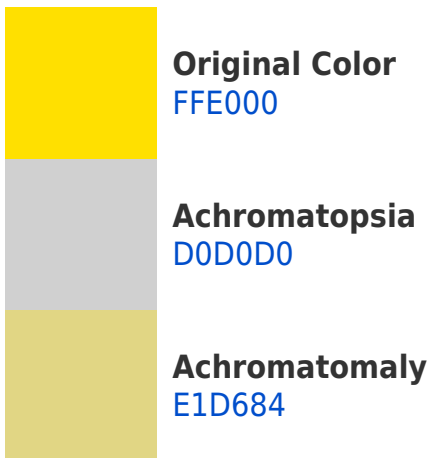


Tritanopia
FFD5E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFE000 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 #FFE000 looks like.

```
.text, #text, p{  
    color:#FFE000  
}
```

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 #FFE000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE000
}
```

Border

The CSS property to change the border of an element to Hex FFE000 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
#FFE000 }
```

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

```
.border{ border-color:#FFE000 }
```

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

Here you see how a box with a 4 pixel #FFE000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE000; -webkit-box-shadow:4px 4px  
4px 4px #FFE000; box-shadow:4px 4px 4px  
4px #FFE000 }
```

Background

The CSS property to change the background color of an element to Hex FFE000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE000 }
```

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

```
.background{ background-color:#FFE000 }
```

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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