

Converting Colors

Hex(FFE005)

Have a look what the booklet for
Hex(FFE005) contains.

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Color

Hex(FFE005)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE005 |
| RGB | 255, 224, 5 |
| RGB Percent | 100%, 88%, 2% |
| CMY | 0.0000, 0.1216, 0.9804 |
| CMYK | 0.00, 0.12, 0.98, 0.00 |
| HSL | 53°, 100%, 51% |
| HSV | 53°, 98%, 100% |
| XYZ | 67.9230, 74.5823, 10.9595 |
| YIQ | 208.3030, 88.7750, -61.5370 |

Conversions

Conversions Part 2

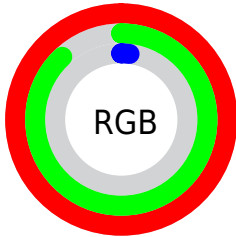
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 40, 255, 5 |
| Decimal | 16769029 |
| CIE Lab | 89.20, -6.41, 88.34 |
| CIE LCh | 89, 88.573, 94.152 |
| Yxy | 74.5823, 0.4426, 0.4860 |
| Android (android.graphics.Color) | 4294959109 (0xFFFFE005) |
| YUV | 208.3030, -100.2284, 40.9533 |
| Hunter-Lab | 86.3610, -10.7413, 52.9286 |

Details

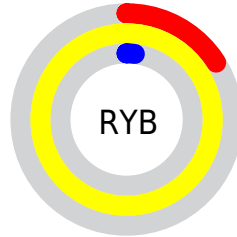
The Hex color **FFE005** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **0524FF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF5C**, and **C1A900** is the 20% darker color. If you saturate the color by 10%, you get **FFDF00**, and if you desaturate by 10%, it is **FFE31F**.

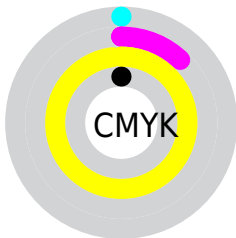
Distribution



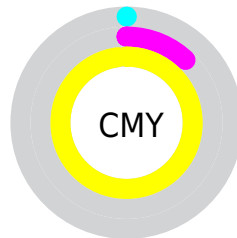
- Red (100%)
- Green (88%)
- Blue (2%)



- Red (16%)
- Yellow (100%)
- Blue (2%)



- Cyan (0%)
- Magenta (12%)
- Yellow (98%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE005 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 FFE005 by changing the saturation by 10% instead.

 FFE005

 FFE005

FFFFFF

 E0C400

 FFFF5C

 C1A900

 FFFF7A

 A38F00

 FFFF98

 867600

 FFFFB5

 695D00

 FFFFD3

 4D4600

 FFFFF1

 333000

 1A1C00

 000000

 FFE005

 FFE005

 FFDF00

 FFE31F

 FFE638

 FFE952

 FFED6B

 FFF085

 FFF39E

 FFF6B8

 FFF9D1

 FFFCEB

Harmonies

Analogous

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



FFC03F



FFE005



A8F644

Triad

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



FFE005



00FFFF



FF9EFF

Complementary

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



FFE005



0524FF

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



FFE005



00FCFF

Square

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



FFE005



00FFEA



00E6FF



FF8BD8

Rectangle

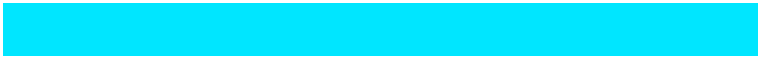
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE005



4EFF77



00E6FF



FFAAFF

Sweetspot

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



FFE005



FFF6B5



FF0526



807A53



000000



808080

Same Dimension

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



FFE005



FFDF00



A3FF05



807E73



BFA800



403800

Inverse Universe

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



0524FF



0020FF



6105FF



737480



0018BF



000840

Previews

White Background



This preview shows how the Hex color FFE005 looks on a white background.

Color Contrast Check

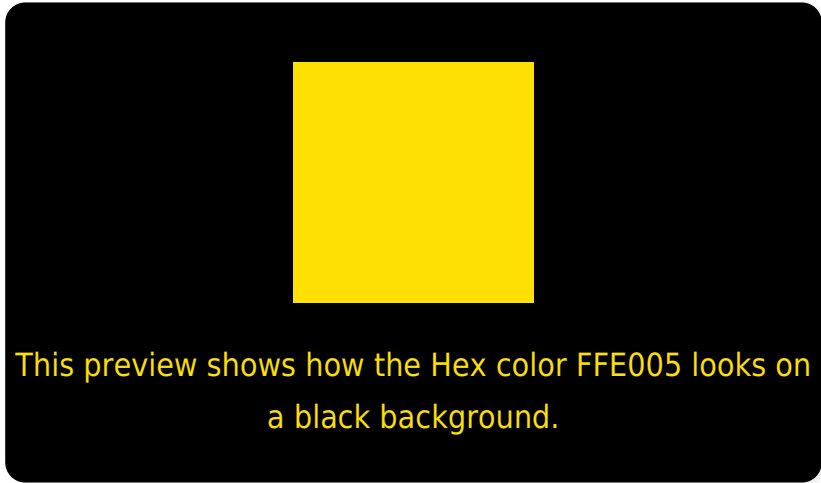
Large Text (above 18pt) WCAG AA × Fail

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 FFE005 Background



This preview shows how black text looks on a background with the Hex color FFE005.



This preview shows how white text looks on a background with the Hex color FFE005.

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
FFE005

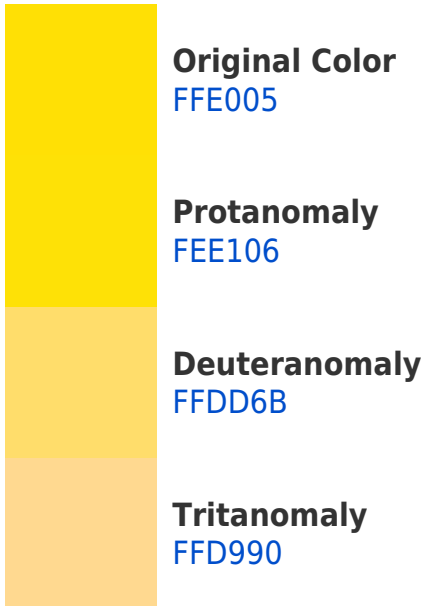
Protanopia
FDE106

Deuteranopia
FFDBA6

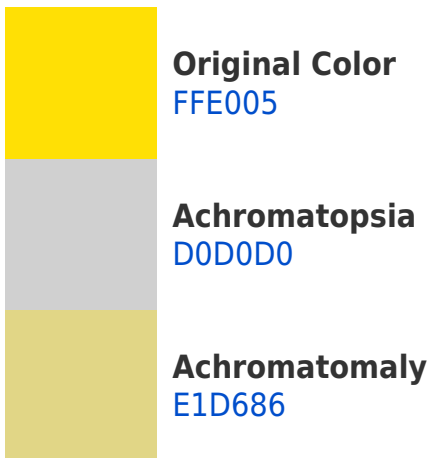


Tritanopia
FFD5E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFE005 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 #FFE005 looks like.

```
.text, #text, p{  
    color:#FFE005  
}
```

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 #FFE005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE005
}
```

Border

The CSS property to change the border of an element to Hex FFE005 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
#FFE005 }
```

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

```
.border{ border-color:#FFE005 }
```

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

Here you see how a box with a 4 pixel #FFE005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE005; -webkit-box-shadow:4px 4px  
4px 4px #FFE005; box-shadow:4px 4px 4px  
4px #FFE005 }
```

Background

The CSS property to change the background color of an element to Hex FFE005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE005 }
```

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

```
.background{ background-color:#FFE005 }
```

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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