

Converting Colors

Hex(FFE400)

Have a look what the booklet for
Hex(FFE400) contains.

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Color

Hex(FFE400)

Conversions

Conversions Part 1

Format	Color
Hex	FFE400
RGB	255, 228, 0
RGB Percent	100%, 89%, 0%
CMY	0.0000, 0.1059, 1.0000
CMYK	0.00, 0.11, 1.00, 0.00
HSL	54°, 100%, 50%
HSV	54°, 100%, 100%
XYZ	68.9834, 76.7468, 11.1778
YIQ	210.0810, 89.2800, -65.1840

Conversions

Conversions Part 2

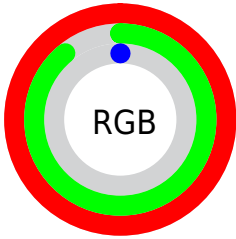
Format	Color
R _Y B	30, 255, 0
Decimal	16770048
CIE Lab	90.20, -8.44, 89.46
CIE LCh	90, 89.862, 95.391
Yxy	76.7468, 0.4396, 0.4891
Android (android.graphics.Color)	4294960128 (0xFFFFE400)
YUV	210.0810, -103.5699, 39.3940
Hunter-Lab	87.6053, -12.7521, 53.7587

Details

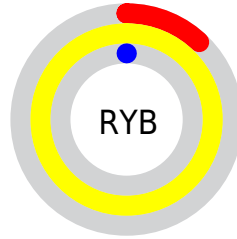
The Hex color **FFE400** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **001BFF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF5B**, and **C1AD00** is the 20% darker color. If you saturate the color by 10%, you get **FFE400**, and if you desaturate by 10%, it is **FFE719**.

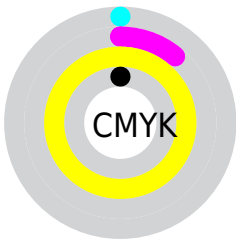
Distribution



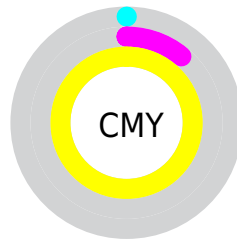
- Red (100%)
- Green (89%)
- Blue (0%)



- Red (12%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE400 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 FFE400 by changing the saturation by 10% instead.

 FFE400

 FFE400

FFFFFF

 E0C800

 FFFF5B

 C1AD00

 FFFF7A

 A39300

 FFFF98

 867900

 FFFFB5

 696100

 FFFFD3

 4D4900

 FFFFF1

 333300

 1A1E00

 000100

 FFE400

 FFE719

 FFE933

 FFEC4D

 FFEF66

 FFF280

 FFF499

 FFF7B3

 FFFACC

 FFFCE6

Harmonies

Analogous

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



FFC43C



FFE400



A5FA47

Triad

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



FFE400



00FFFF



FF9EFF

Complementary

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



FFE400



001BFF

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.



F8C5FF



FFE400



00FFFF

Square

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



FFE400



00FFF1



00E8FF



FF8CD7

Rectangle

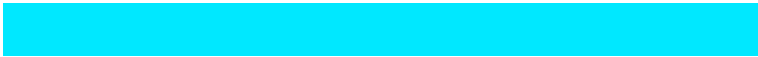
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE400



44FF7B



00E8FF



FFAAFF

Sweetspot

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



FFE400



FFF7B3



FF001E



807B52



000000



808080

Same Dimension

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



FFE400



9DFF00



807E73



BFAB00



403900

Inverse Universe

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



001BFF



6200FF



737480



0014BF



000740

Previews

White Background



This preview shows how the Hex color FFE400 looks on a white background.

Color Contrast Check

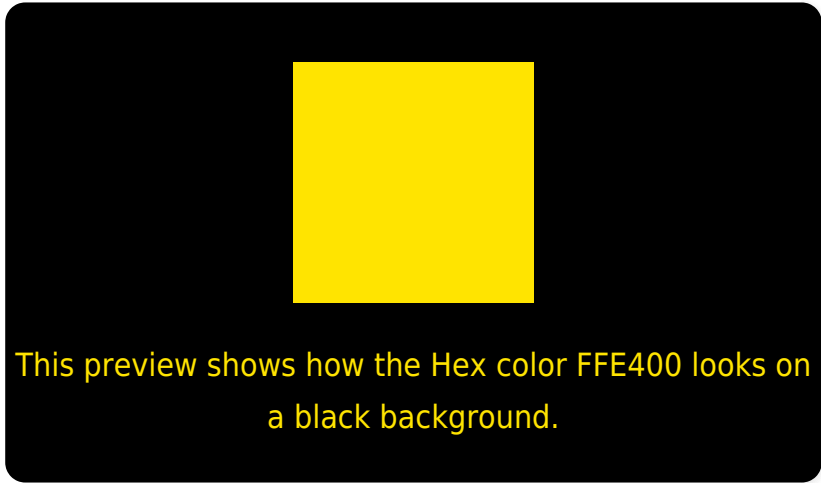
Large Text (above 18pt) WCAG AA × Fail

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 FFE400 Background



This preview shows how black text looks on a background with the Hex color FFE400.

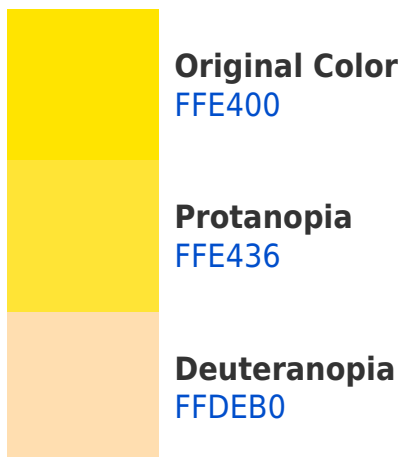


This preview shows how white text looks on a background with the Hex color FFE400.

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](#).

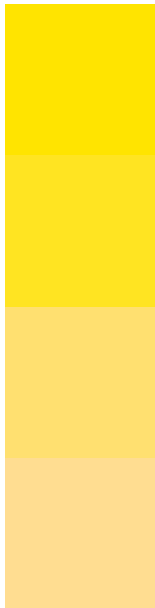
Dichromacy





Tritanopia
FFD9E4

Trichromacy



Original Color
FFE400

Protanomaly
FFE422

Deuteranomaly
FFE070

Tritanomaly
FFDD91

Monochromacy



Original Color
FFE400

Achromatopsia
D2D2D2

Achromatomaly
E2D986

CSS Examples

Text

The CSS property to change the color of the text to Hex FFE400 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 #FFE400 looks like.

```
.text, #text, p{  
    color:#FFE400  
}
```

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 #FFE400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE400
}
```

Border

The CSS property to change the border of an element to Hex FFE400 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
#FFE400 }
```

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

```
.border{ border-color:#FFE400 }
```

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

Here you see how a box with a 4 pixel #FFE400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE400; -webkit-box-shadow:4px 4px  
4px 4px #FFE400; box-shadow:4px 4px 4px  
4px #FFE400 }
```

Background

The CSS property to change the background color of an element to Hex FFE400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE400 }
```

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

```
.background{ background-color:#FFE400 }
```

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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