

# Converting Colors

Hex(ECFD02)

Have a look what the booklet for  
Hex(ECFD02) contains.

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**Color**

**Hex(ECFD02)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECFD02
RGB	236, 253, 2
RGB Percent	93%, 99%, 1%
CMY	0.0745, 0.0078, 0.9922
CMYK	0.07, 0.00, 0.99, 0.01
HSL	64°, 98%, 50%
HSV	64°, 99%, 99%
XYZ	69.7283, 88.0878, 13.3850
YIQ	219.3030, 70.4390, -81.6650

# Conversions

## Conversions Part 2

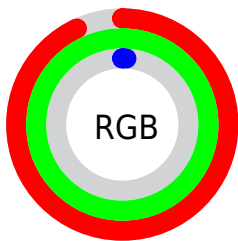
Format	Color
R <sub>Y</sub> B	2, 253, 19
Decimal	15531266
CIE Lab	95.20, -28.35, 92.28
CIE LCh	95, 96.533, 107.080
Yxy	88.0878, 0.4073, 0.5145
Android (android.graphics.Color)	4293721346 (0xFFE0C0)
YUV	219.3030, -107.1304, 14.6433
Hunter-Lab	93.8551, -31.6324, 57.2430

# Details

The Hex color **ECFD02** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **1302FD**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF60**, and **AFC500** is the 20% darker color. If you saturate the color by 10%, you get **ECFD00**, and if you desaturate by 10%, it is **EEFD1B**.

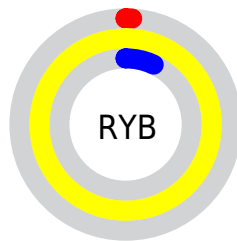
# Distribution



Red (93%)

Green (99%)

Blue (1%)



Red (1%)

Yellow (99%)

Blue (7%)

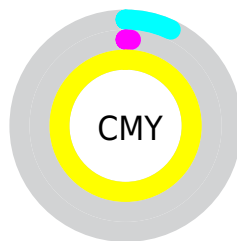


Cyan (7%)

Magenta (0%)

Yellow (99%)

Black (1%)



Cyan (7%)

Magenta (1%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECFD02 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 ECFD02 by changing the saturation by 10% instead.



 ECFD02

 ECFD02

FFFFFF

 CDE000

 FFFF60

 AFC500

 FFFF7F

 92A900

 FFFF9D

 748F00

 FFFFBB

 577500

 FFFFD9

 3B5D00

 FFFFF8

 1E4500

 002E00

 001B00

 ECFD02

 ECFD02

 ECFD00

 EEFD1B

 EFFD35

 F1FD4E

 F3FD67

 F5FD81

 F6FD9A

 F8FDB3

 FAFDCC

 FBFDE6

# Harmonies

## Analogous

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



FFDE15



ECFD02



79FF67

# Triad

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



ECFD02



00FFFF



FF99FF

# Complementary

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



ECFD02



1302FD

# 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.



FFBFFF



ECFD02



00FFFF

# Square

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



ECFD02



00FFFF



98E9FF



FF95C0

# Rectangle

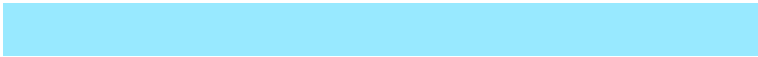
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECFD02



00FFA4



98E9FF



FFA4FF



# Sweetspot

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



ECFD02



FAFFB3



FD1302



7C8052



000000



808080



# Same Dimension

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



ECFD02



EEFF00



6FFD02



7F8073



B2BF00



3B4000



# Inverse Universe

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



1302FD



1100FF



9002FD



747380



0D00BF

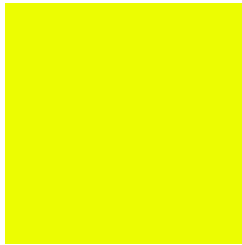


040040



# Previews

## White Background



This preview shows how the Hex color ECFD02 looks on a white background.

## Color Contrast Check

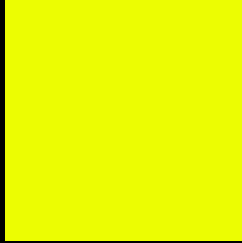
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color ECFD02 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](#).



## Hex ECFD02 Background



This preview shows how black text looks on a background with the Hex color ECFD02.

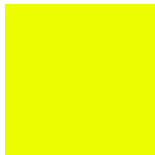


This preview shows how white text looks on a background with the Hex color ECFD02.

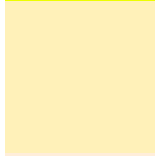
# Color Blindness Simulation

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**  
ECFD02



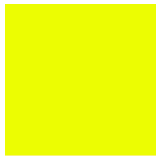
**Protanopia**  
FFF1B9



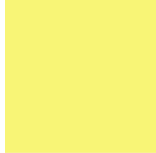
**Deuteranopia**  
FFEEDA



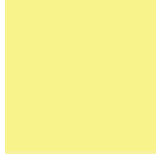
# Trichromacy



**Original Color**  
ECFD02



**Protanomaly**  
F8F576

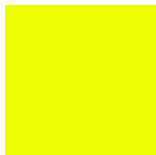


**Deuteranomaly**  
F8F38B

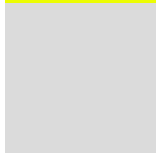


**Tritanomaly**  
F7F2A2

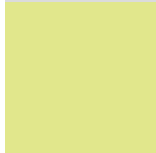
# Monochromacy



**Original Color**  
ECFD02



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
E1E78C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECFD02 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 #ECFD02 looks like.

```
.text, #text, p{  
    color:#ECFD02  
}
```

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 #ECFD02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECFD02
}
```

## Border

The CSS property to change the border of an element to Hex ECFD02 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
#ECFD02 }
```

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

```
.border{ border-color:#ECFD02 }
```

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

Here you see how a box with a 4 pixel #ECFD02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECFD02; -webkit-box-shadow:4px 4px  
4px 4px #ECFD02; box-shadow:4px 4px 4px  
4px #ECFD02 }
```

# Background

The CSS property to change the background color of an element to Hex ECFD02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECFD02 }
```

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

```
.background{ background-color:#ECFD02 }
```

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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