

Converting Colors

Hex(CCF035)

Have a look what the booklet for
Hex(CCF035) contains.

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Color

Hex(CCF035)

Conversions

Conversions Part 1

Format	Color
Hex	CCF035
RGB	204, 240, 53
RGB Percent	80%, 94%, 21%
CMY	0.2000, 0.0588, 0.7922
CMYK	0.15, 0.00, 0.78, 0.06
HSL	72°, 86%, 57%
HSV	72°, 78%, 94%
XYZ	56.7045, 75.4146, 14.9360
YIQ	207.9180, 38.5710, -65.7890

Conversions

Conversions Part 2

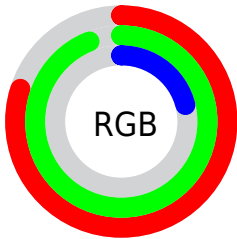
Format	Color
R _Y B	53, 240, 89
Decimal	13430837
CIE Lab	89.59, -34.20, 78.90
CIE LCh	90, 85.993, 113.434
Yxy	75.4146, 0.3856, 0.5128
Android (android.graphics.Color)	4291620917 (0xFFCCCF035)
YUV	207.9180, -76.3746, -3.4361
Hunter-Lab	86.8416, -35.4184, 50.5917

Details

The Hex color **CCF035** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **5935F0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF73**, and **91B800** is the 20% darker color. If you saturate the color by 10%, you get **C7F01D**, and if you desaturate by 10%, it is **D1F04D**.

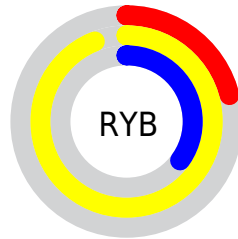
Distribution



Red (80%)

Green (94%)

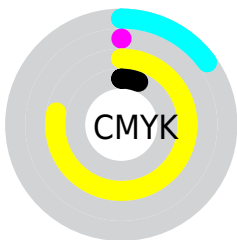
Blue (21%)



Red (21%)

Yellow (94%)

Blue (35%)

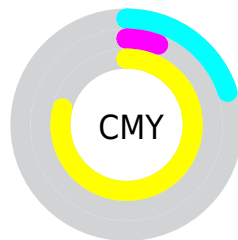


Cyan (15%)

Magenta (0%)

Yellow (78%)

Black (6%)



Cyan (20%)

Magenta (6%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCF035 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 CCF035 by changing the saturation by 10% instead.

 CCF035

 CCF035

FFFFFF

 AED400

 FFFF73

 91B800

 FFFF90

 759D00

 FFFFAD

 588300

 FFFFCA

 3B6900

 FFFFEE

 1D5100

 003A00

 002500

 000000

 CCF035

 CCF035

 C7F01D

 D1F04D

 C3F005

 D5F065

 C2F000

 DAF07D

 DEF095

 E3F0AD

 E8F0C5

 ECF0DD

 F1F0F5

 F6F0FF

Harmonies

Analogous

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



FFD725



CCF035



5CFF79

Triad

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



CCF035



00FFFF



FF93F7

Complementary

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



CCF035



5935F0

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.



FFAEFF



CCF035



00F0FF

Square

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



CCF035



00FFFF



BFD3FF



FF97A5

Rectangle

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



CCF035



00FFAF



BFD3FF



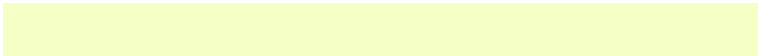
FF99FF

Sweetspot

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



CCF035



F4FFC4



F05735



79805C



000000



808080

Same Dimension

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



CCF035



D1FF0F



70F035



76786C



94B800



2D3800

Inverse Universe

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



5935F0



3D0FFF



B535F0



6E6C78



2300B8



0B0038

Previews

White Background



This preview shows how the Hex color CCF035 looks on a white background.

Color Contrast Check

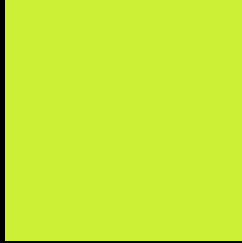
Large Text (above 18pt) WCAG AA × Fail

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 CCF035 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 CCF035 Background



This preview shows how black text looks on a background with the Hex color CCF035.

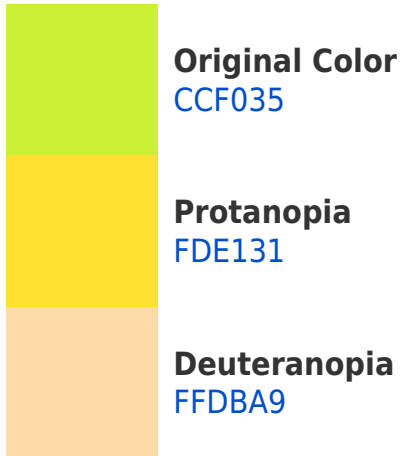


This preview shows how white text looks on a background with the Hex color CCF035.

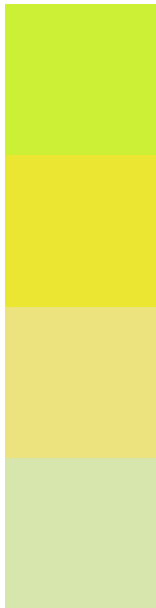
Color Blindness Simulation

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



Trichromacy



Original Color
CCF035

Protanomaly
EBE632

Deuteranomaly
ECE37F

Tritanomaly
D7E6AD

Monochromacy



Original Color
CCF035

Achromatopsia
D0D0D0

Achromatomaly
CFDC98

CSS Examples

Text

The CSS property to change the color of the text to Hex CCF035 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 #CCF035 looks like.

```
.text, #text, p{  
    color:#CCF035  
}
```

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 #CCF035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCF035
}
```

Border

The CSS property to change the border of an element to Hex CCF035 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
#CCF035 }
```

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

```
.border{ border-color:#CCF035 }
```

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

Here you see how a box with a 4 pixel #CCF035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCF035; -webkit-box-shadow:4px 4px  
4px 4px #CCF035; box-shadow:4px 4px 4px  
4px #CCF035 }
```

Background

The CSS property to change the background color of an element to Hex CCF035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCF035 }
```

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

```
.background{ background-color:#CCF035 }
```

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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