

Converting Colors

Hex(C6F021)

Have a look what the booklet for
Hex(C6F021) contains.

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Color

Hex(C6F021)

Conversions

Conversions Part 1

Format	Color
Hex	C6F021
RGB	198, 240, 33
RGB Percent	78%, 94%, 13%
CMY	0.2235, 0.0588, 0.8706
CMYK	0.17, 0.00, 0.86, 0.06
HSL	72°, 87%, 54%
HSV	72°, 86%, 94%
XYZ	54.7233, 74.4357, 12.9222
YIQ	203.8440, 41.4150, -73.2810

Conversions

Conversions Part 2

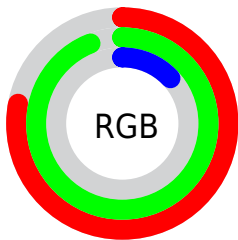
Format	Color
R_{YB}	33, 240, 75
Decimal	13037601
CIE _{Lab}	89.13, -37.18, 82.97
CIE _{LCh}	89, 90.920, 114.139
Yxy	74.4357, 0.3852, 0.5239
Android (android.graphics.Color)	4291227681 (0xFFC6F021)
YUV	203.8440, -84.2261, -5.1252
Hunter-Lab	86.2762, -37.7642, 51.5130

Details

The Hex color **C6F021** 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 **4B21F0**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF67**, and **8BB800** is the 20% darker color. If you saturate the color by 10%, you get **C1F009**, and if you desaturate by 10%, it is **CBF039**.

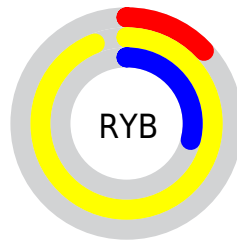
Distribution



Red (78%)

Green (94%)

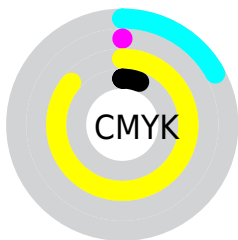
Blue (13%)



Red (13%)

Yellow (94%)

Blue (29%)

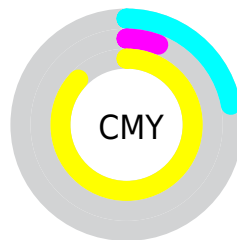


Cyan (17%)

Magenta (0%)

Yellow (86%)

Black (6%)



Cyan (22%)

Magenta (6%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6F021 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 C6F021 by changing the saturation by 10% instead.

 C6F021

 C6F021

FFFFFF

 A8D400

 FFFF67

 8BB800

 FFFF84

 6E9D00


 FFFFA2

 518300

 FFFFBF

 336900

 FFFFDD

 115100

 FFFFFB

 003900

 002500

 000000

 C6F021

 C6F021

 C1F009

 CBF039

 BFF000

 D0F051

 D5F069

 D9F081

 DEF099

 E3F0B1

 E8F0C9

 EDF0E1

 F2F0F9

Harmonies

Analogous

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



FFD600



C6F021



45FF73

Triad

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



C6F021



00FFFF



FF89F5

Complementary

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



C6F021



4B21F0

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.



FFA8FF



C6F021



00EFFF

Square

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



C6F021



00FFFF



BDD0FF



FF909E

Rectangle

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



C6F021



00FFAD



BDD0FF



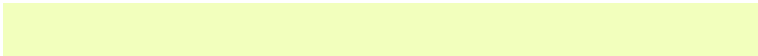
FF91FF

Sweetspot

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



C6F021



F2FFBD



F04A21



778058



000000



808080

Same Dimension

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



C6F021



CBFF00



5FF021



75786C



92B800



2D3800

Inverse Universe

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



4B21F0



3400FF



B221F0



6E6C78



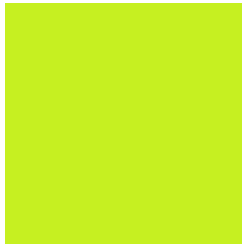
2500B8



0B0038

Previews

White Background



This preview shows how the Hex color C6F021 looks on a white background.

Color Contrast Check

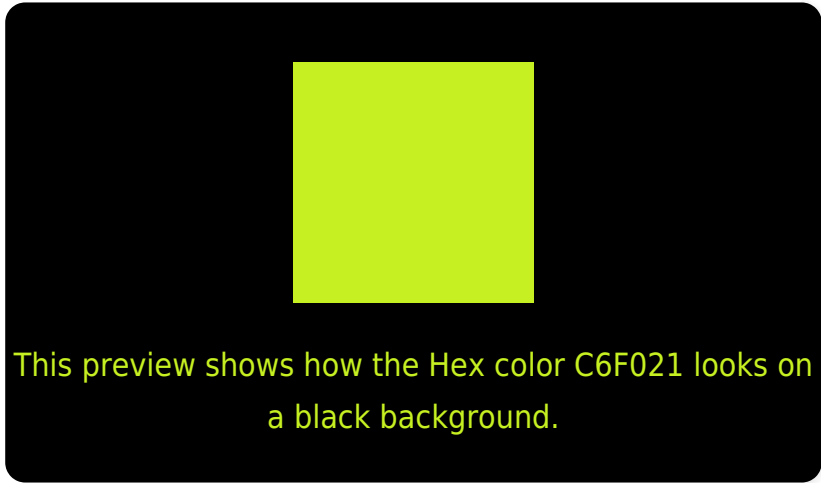
Large Text (above 18pt) WCAG AA × Fail

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 C6F021 Background



This preview shows how black text looks on a background with the Hex color C6F021.



This preview shows how white text looks on a background with the Hex color C6F021.

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
C6F021

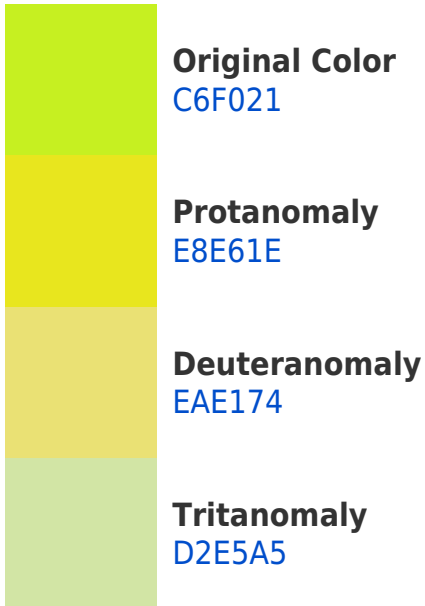
Protanopia
FCE01C

Deuteranopia
FFD9A4

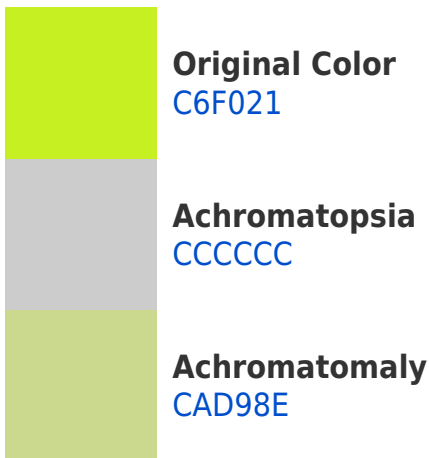


Tritanopia
D9DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6F021 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 #C6F021 looks like.

```
.text, #text, p{  
    color:#C6F021  
}
```

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 #C6F021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6F021
}
```

Border

The CSS property to change the border of an element to Hex C6F021 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
#C6F021 }
```

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

```
.border{ border-color:#C6F021 }
```

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

Here you see how a box with a 4 pixel #C6F021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6F021; -webkit-box-shadow:4px 4px  
4px 4px #C6F021; box-shadow:4px 4px 4px  
4px #C6F021 }
```

Background

The CSS property to change the background color of an element to Hex C6F021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6F021 }
```

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

```
.background{ background-color:#C6F021 }
```

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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