

Converting Colors

Hex(FFF021)

Have a look what the booklet for
Hex(FFF021) contains.

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Color

Hex(FFF021)

Conversions

Conversions Part 1

Format	Color
Hex	FFF021
RGB	255, 240, 33
RGB Percent	100%, 94%, 13%
CMY	0.0000, 0.0588, 0.8706
CMYK	0.00, 0.06, 0.87, 0.00
HSL	56°, 100%, 56%
HSV	56°, 87%, 100%
XYZ	72.6746, 83.6900, 13.7623
YIQ	220.8870, 75.3870, -61.1970

Conversions

Conversions Part 2

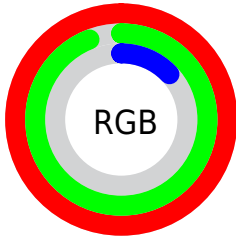
Format	Color
R _Y B	49, 255, 33
Decimal	16773153
CIE Lab	93.32, -13.98, 88.10
CIE LCh	93, 89.206, 99.014
Yxy	83.6900, 0.4272, 0.4919
Android (android.graphics.Color)	4294963233 (0xFFFFF021)
YUV	220.8870, -92.6283, 29.9171
Hunter-Lab	91.4822, -18.2913, 55.1182

Details

The Hex color **FFF021** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2130FF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF68**, and **C2B800** is the 20% darker color. If you saturate the color by 10%, you get **FFEE08**, and if you desaturate by 10%, it is **FFF23A**.

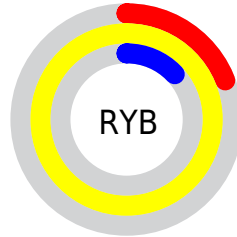
Distribution



Red (100%)

Green (94%)

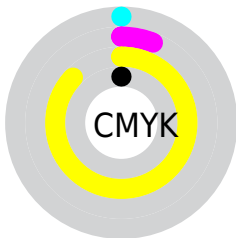
Blue (13%)



Red (19%)

Yellow (100%)

Blue (13%)

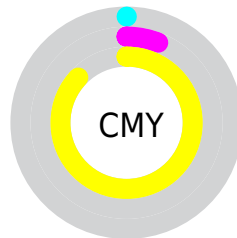


Cyan (0%)

Magenta (6%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF021 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 FFF021 by changing the saturation by 10% instead.

 FFF021

 FFF021

FFFFFF

 E0D400

 FFFF68

 C2B800

 FFFF86

 A49E00

 FFFFA4

 868400

 FFFFC1

 696B00

 FFFFDF

 4D5300

FFFFFFD

 333C00

 1A2600

 001400

 FFF021

 FFF021

 FFEE08

 FFF23A

 FFEE00

 FFF354

 FFF56D

 FFF787

 FFF9A1

 FFFABA

 FFFCD3

 FFFEED

FFFFFF

Harmonies

Analogous

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



FFD140



FFF021



A2FF5A

Triad

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



FFF021



00FFFF



FFA5FF

Complementary

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



FFF021



2130FF

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.



FFC9FF



FFF021



00FFFF

Square

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



FFF021



00FFFF



55EDFF



FF97D5

Rectangle

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



FFF021



32FF8E



55EDFF



FFB0FF

Sweetspot

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



FFF021



FFFBBD



FF2133



807D58



000000



808080

Same Dimension

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



FFF021



FFEE00



A3FF21



807F73



BFB200



403B00

Inverse Universe

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



2130FF



0011FF



7E21FF



737480



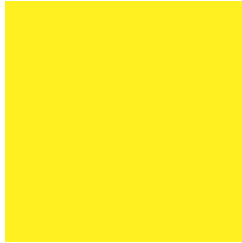
000DBF



000440

Previews

White Background



This preview shows how the Hex color FFF021 looks on a white background.

Color Contrast Check

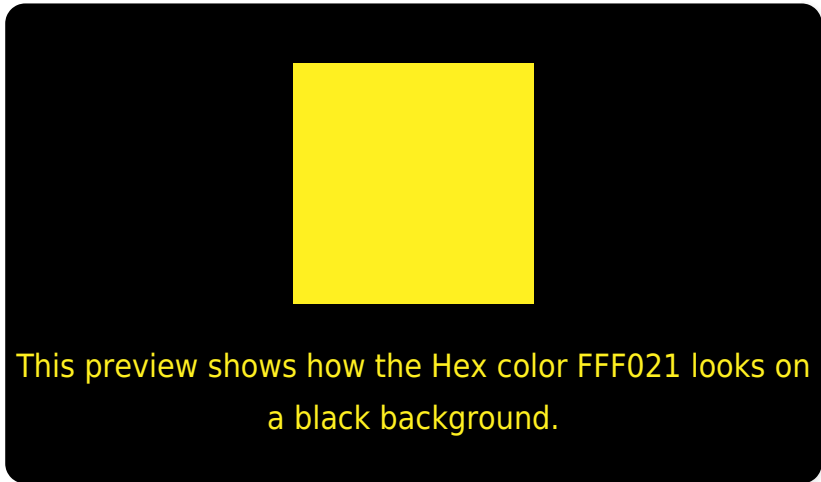
Large Text (above 18pt) WCAG AA × Fail

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 FFF021 Background



This preview shows how black text looks on a background with the Hex color FFF021.

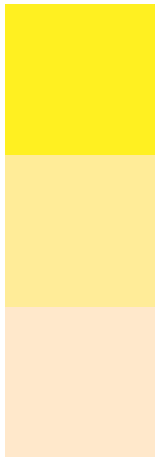


This preview shows how white text looks on a background with the Hex color FFF021.

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
FFF021

Protanopia
FFEC98

Deuteranopia
FFE8CB

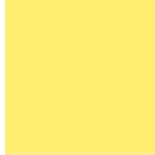


Tritanopia
FFE5EE

Trichromacy



Original Color
FFF021



Protanomaly
FFED6D



Deuteranomaly
FFEB8D

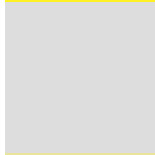


Tritanomaly
FFE9A3

Monochromacy



Original Color
FFF021



Achromatopsia
DDDDDD



Achromatomaly
E9E499

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF021 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 #FFF021 looks like.

```
.text, #text, p{  
    color:#FFF021  
}
```

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 #FFF021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF021
}
```

Border

The CSS property to change the border of an element to Hex FFF021 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
#FFF021 }
```

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

```
.border{ border-color:#FFF021 }
```

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

Here you see how a box with a 4 pixel #FFF021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF021; -webkit-box-shadow:4px 4px  
4px 4px #FFF021; box-shadow:4px 4px 4px  
4px #FFF021 }
```

Background

The CSS property to change the background color of an element to Hex FFF021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF021 }
```

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

```
.background{ background-color:#FFF021 }
```

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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