

Converting Colors

Hex(FFF820)

Have a look what the booklet for
Hex(FFF820) contains.

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Color

Hex(FFF820)

Conversions

Conversions Part 1

Format	Color
Hex	FFF820
RGB	255, 248, 32
RGB Percent	100%, 97%, 13%
CMY	0.0000, 0.0275, 0.8745
CMYK	0.00, 0.03, 0.87, 0.00
HSL	58°, 100%, 56%
HSV	58°, 87%, 100%
XYZ	75.0681, 88.4991, 14.4920
YIQ	225.4690, 73.5080, -65.6920

Conversions

Conversions Part 2

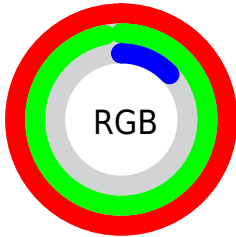
Format	Color
R _Y B	39, 255, 32
Decimal	16775200
CIE Lab	95.37, -17.87, 89.90
CIE LCh	95, 91.663, 101.241
Yxy	88.4991, 0.4216, 0.4970
Android (android.graphics.Color)	4294965280 (0xFFFFF820)
YUV	225.4690, -95.3802, 25.8987
Hunter-Lab	94.0740, -22.1919, 56.7182

Details

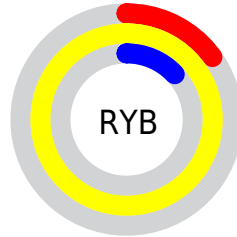
The Hex color **FFF820** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2027FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF69**, and **C2C000** is the 20% darker color. If you saturate the color by 10%, you get **FFF707**, and if you desaturate by 10%, it is **FFF939**.

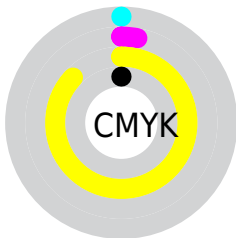
Distribution



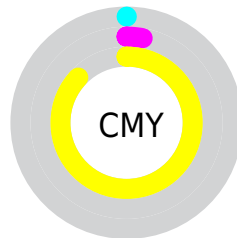
- Red (100%)
- Green (97%)
- Blue (13%)



- Red (15%)
- Yellow (100%)
- Blue (13%)



- Cyan (0%)
- Magenta (3%)
- Yellow (87%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF820 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 FFF820 by changing the saturation by 10% instead.

 FFF820

 FFF820

FFFFFF

 E0DC00

 FFFF69

 C2C000

 FFFF87

 A4A500

 FFFFA5

 868B00

 FFFF C3

 697200

 FFFF E1

 4D5900

 324200

 182C00

 001900

 FFF820

 FFF820

 FFF707

 FFF939

 FFF700

 FFFA53

 FFFA6C

 FFFB86

 FFFCA0

 FFFDB9

 FFFED3

 FFFEEC

FFFFFF

Harmonies

Analogous

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



FFD93B



FFF820



9CFF61

Triad

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



FFF820



00FFFF



FFA6FF

Complementary

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



FFF820



2027FF

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.



FFCBFF



FFF820



00FFFF

Square

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



FFF820



00FFFF



70F1FF



FF9BD4

Rectangle

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



FFF820



00FF98



70F1FF



FFB1FF

Sweetspot

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



FFF820



FFFDBD



FF2027



807E58



000000



808080

Same Dimension

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



FFF820



FFF700



97FF20



807F73



BFB900



403E00

Inverse Universe

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



2027FF



0008FF



8820FF



737380



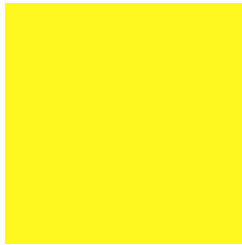
0006BF



000240

Previews

White Background



This preview shows how the Hex color FFF820 looks on a white background.

Color Contrast Check

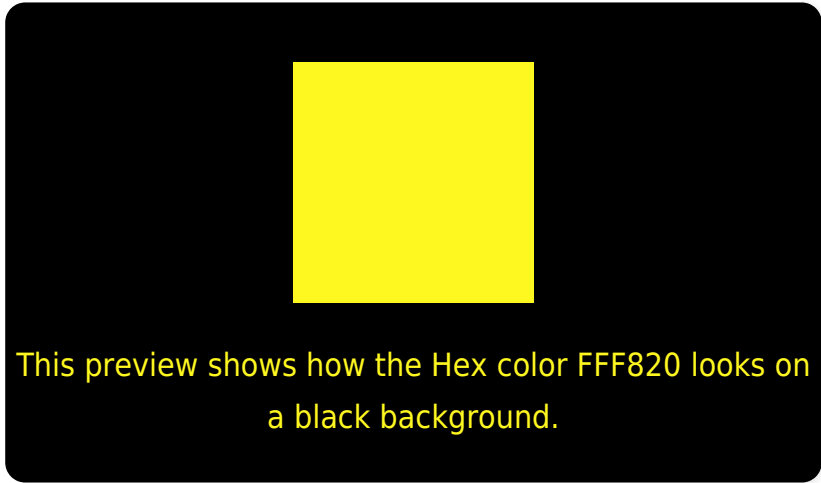
Large Text (above 18pt) WCAG AA × Fail

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 FFF820 Background



This preview shows how black text looks on a background with the Hex color FFF820.



This preview shows how white text looks on a background with the Hex color FFF820.

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
FFF820

Protanopia
FFF2BD

Deuteranopia
FFEFD8



Tritanopia
FFEDF5

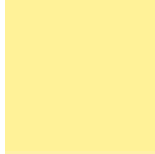
Trichromacy



Original Color
FFF820



Protanomaly
FFF484



Deuteranomaly
FFF298

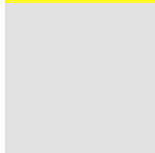


Tritanomaly
FFF1A8

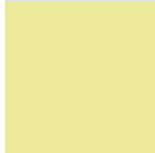
Monochromacy



Original Color
FFF820



Achromatopsia
E1E1E1



Achromatomaly
ECE99B

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF820 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 #FFF820 looks like.

```
.text, #text, p{  
    color:#FFF820  
}
```

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 #FFF820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF820
}
```

Border

The CSS property to change the border of an element to Hex FFF820 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
#FFF820 }
```

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

```
.border{ border-color:#FFF820 }
```

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

Here you see how a box with a 4 pixel #FFF820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF820; -webkit-box-shadow:4px 4px  
4px 4px #FFF820; box-shadow:4px 4px 4px  
4px #FFF820 }
```

Background

The CSS property to change the background color of an element to Hex FFF820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF820 }
```

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

```
.background{ background-color:#FFF820 }
```

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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