

Converting Colors

Hex(FFF044)

Have a look what the booklet for
Hex(FFF044) contains.

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Color

Hex(FFF044)

Conversions

Conversions Part 1

Format	Color
Hex	FFF044
RGB	255, 240, 68
RGB Percent	100%, 94%, 27%
CMY	0.0000, 0.0588, 0.7333
CMYK	0.00, 0.06, 0.73, 0.00
HSL	55°, 100%, 63%
HSV	55°, 73%, 100%
XYZ	73.4435, 83.9975, 17.8111
YIQ	224.8770, 64.1520, -50.3120

Conversions

Conversions Part 2

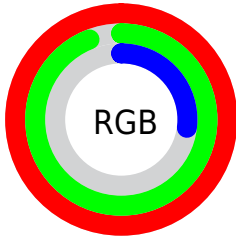
Format	Color
R _Y B	84, 255, 68
Decimal	16773188
CIE Lab	93.45, -12.95, 79.33
CIE LCh	93, 80.375, 99.269
Yxy	83.9975, 0.4191, 0.4793
Android (android.graphics.Color)	4294963268 (0xFFFFFFFF044)
YUV	224.8770, -77.3404, 26.4179
Hunter-Lab	91.6502, -17.3476, 52.6328

Details

The Hex color **FFF044** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **4453FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF7F**, and **C2B800** is the 20% darker color. If you saturate the color by 10%, you get **FFEE2A**, and if you desaturate by 10%, it is **FFF25D**.

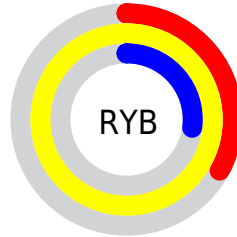
Distribution



Red (100%)

Green (94%)

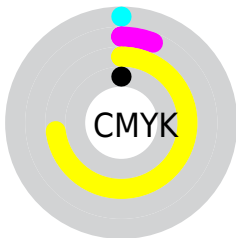
Blue (27%)



Red (33%)

Yellow (100%)

Blue (27%)

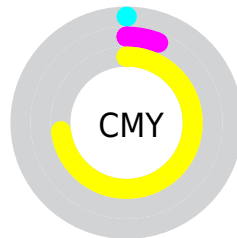


Cyan (0%)

Magenta (6%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF044 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 FFF044 by changing the saturation by 10% instead.

 FFF044

 FFF044

FFFFFF

 E0D420

 FFFF7F

 C2B800

 FFFF9C

 A59E00

 FFFFB9

 888400

 FFFFD7

 6B6B00

 FFFFF4

 4F5300

 353C00

 1C2600

 001300

 FFF044

 FFF044

 FFEE2A

 FFF25D

 FFEC11

 FFF477

 FFEB00

 FFF691

 FFF8AA

 FFFAC3

 FFFCDD

 FFFE66

FFFFFF

Harmonies

Analogous

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



FFD456



FFF044



ABFF6C

Triad

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



FFF044



00FFFF



FFAFFF

Complementary

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



FFF044



4453FF

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.



FFCDFF



FFF044



00FFFF

Square

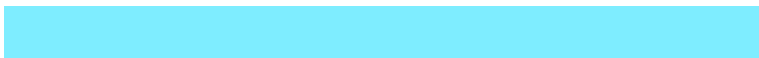
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF044



00FFFF



7EEDFF



FFA4D7

Rectangle

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



FFF044



59FF99



7EEDFF



FFB8FF

Sweetspot

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



FFF044



FFFBC7



FF4454



807D5E



000000



808080

Same Dimension

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



FFF044



FFED1F



B1FF44



807E73



BFB000



403B00

Inverse Universe

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



4453FF



1F31FF



9244FF



737480



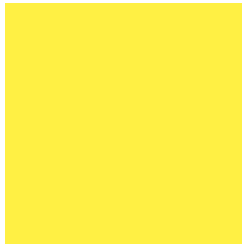
000FBF



000540

Previews

White Background



This preview shows how the Hex color FFF044 looks on a white background.

Color Contrast Check

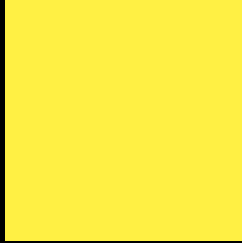
Large Text (above 18pt) WCAG AA × Fail

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 FFF044 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 FFF044 Background



This preview shows how black text looks on a background with the Hex color FFF044.

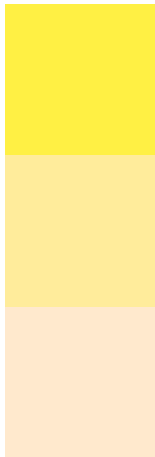


This preview shows how white text looks on a background with the Hex color FFF044.

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
FFF044

Protanopia
FFEC9B

Deuteranopia
FFE9CD



Tritanopia
FFE5EF

Trichromacy



Original Color
FFF044



Protanomaly
FFED7B



Deuteranomaly
FFEC9B

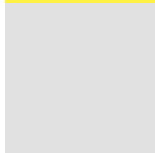


Tritanomaly
FFE9B1

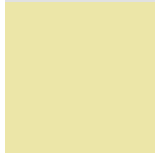
Monochromacy



Original Color
FFF044



Achromatopsia
E1E1E1



Achromatomaly
ECE6A8

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF044 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 #FFF044 looks like.

```
.text, #text, p{  
    color:#FFF044  
}
```

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 #FFF044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF044
}
```

Border

The CSS property to change the border of an element to Hex FFF044 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
#FFF044 }
```

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

```
.border{ border-color:#FFF044 }
```

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

Here you see how a box with a 4 pixel #FFF044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF044; -webkit-box-shadow:4px 4px  
4px 4px #FFF044; box-shadow:4px 4px 4px  
4px #FFF044 }
```

Background

The CSS property to change the background color of an element to Hex FFF044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF044 }
```

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

```
.background{ background-color:#FFF044 }
```

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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