

Converting Colors

Hex(FFF45F)

Have a look what the booklet for
Hex(FFF45F) contains.

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Color

Hex(FFF45F)

Conversions

Conversions Part 1

Format	Color
Hex	FFF45F
RGB	255, 244, 95
RGB Percent	100%, 96%, 37%
CMY	0.0000, 0.0431, 0.6275
CMYK	0.00, 0.04, 0.63, 0.00
HSL	56°, 100%, 69%
HSV	56°, 63%, 100%
XYZ	75.6562, 86.7876, 23.5906
YIQ	230.3030, 54.3850, -44.0070

Conversions

Conversions Part 2

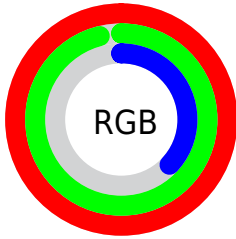
Format	Color
RYB	107, 255, 95
Decimal	16774239
CIELab	94.65, -13.55, 70.65
CIElCh	95, 71.938, 100.857
Yxy	86.7876, 0.4067, 0.4665
Android (android.graphics.Color)	4294964319 (0xFFFFF45F)
YUV	230.3030, -66.7044, 21.6593
Hunter-Lab	93.1599, -18.0678, 50.1980

Details

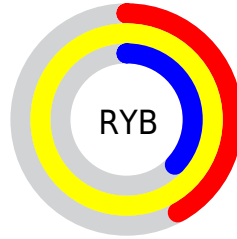
The Hex color **FFF45F** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5F6AFF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFF97**, and **C3BC22** is the 20% darker color. If you saturate the color by 10%, you get **FFF245**, and if you desaturate by 10%, it is **FFF679**.

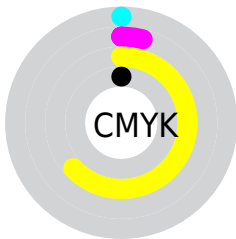
Distribution



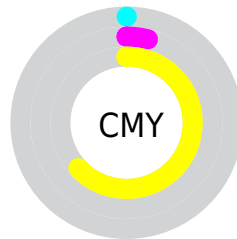
- Red (100%)
- Green (96%)
- Blue (37%)



- Red (42%)
- Yellow (100%)
- Blue (37%)



- Cyan (0%)
- Magenta (4%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF45F 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 FFF45F by changing the saturation by 10% instead.

 FFF45F

 FFF45F

FFFFFF

 E1D842

 FFFF97

 C3BC22

 FFFFB4

 A6A100

 FFFFD1

 898700

 FFFFEE

 6D6E00

 525600

 373F00

 1E2900

 001600

 FFF45F

 FFF45F

 FFF245

 FFF679

 FFF02C

 FFF892

 FFEF12

 FFF9AC

 FFED00

 FFFBC5

 FFFDDF

 FFFFF8

FFFFFF

Harmonies

Analogous

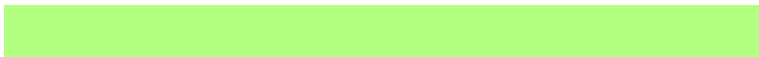
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDC69



FFF45F



B3FF82

Triad

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



FFF45F



00FFFF



FFBAFF

Complementary

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



FFF45F



5F6AFF

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.



FFD3FF



FFF45F



00FFFF

Square

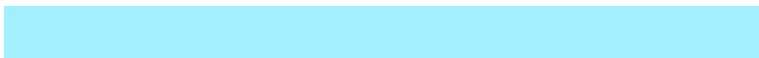
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF45F



00FFFF



A2EFFF



FFB3D9

Rectangle

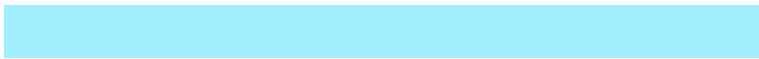
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF45F



6FFFA9



A2EFFF



FFC1FF

Sweetspot

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



FFF45F



FFFCCF



FF5F6C



807D62



000000



808080

Same Dimension

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



FFF45F



FFF240



BCFF5F



807F73



BFB200



403B00

Inverse Universe

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



5F6AFF



404DFF



A25FFF



737480



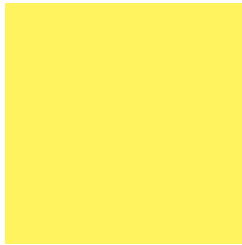
000DBF



000440

Previews

White Background



This preview shows how the Hex color FFF45F looks on a white background.

Color Contrast Check

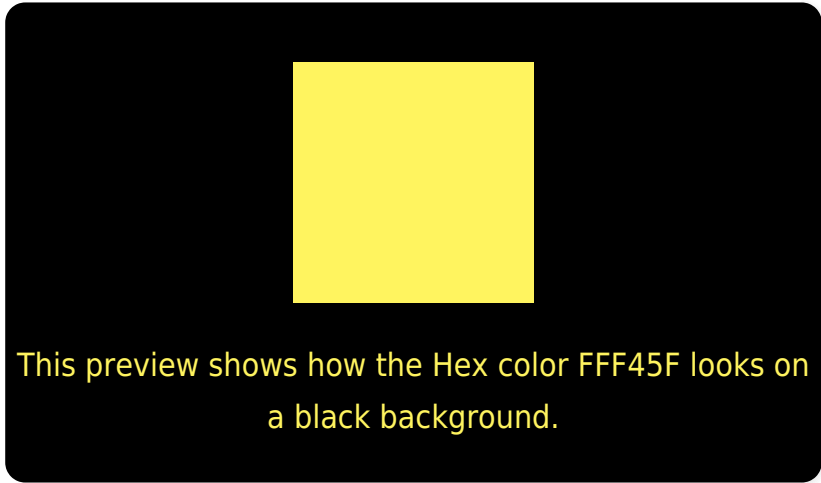
Large Text (above 18pt) WCAG AA × Fail

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 FFF45F Background



This preview shows how black text looks on a background with the Hex color FFF45F.

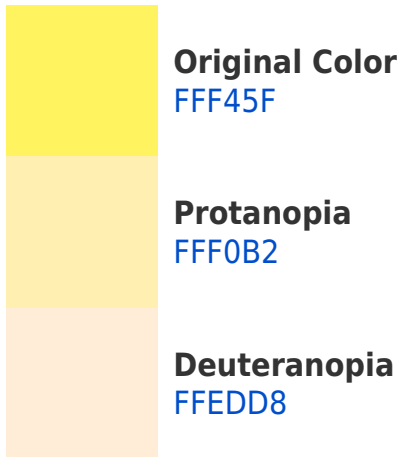


This preview shows how white text looks on a background with the Hex color FFF45F.

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



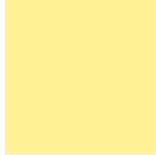


Tritanopia
FFEAF3

Trichromacy



Original Color
FFF45F



Protanomaly
FFF194



Deuteranomaly
FFF0AC

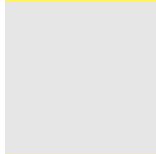


Tritanomaly
FFEEDD

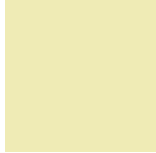
Monochromacy



Original Color
FFF45F



Achromatopsia
E6E6E6



Achromatomaly
EFEEDD

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF45F 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 #FFF45F looks like.

```
.text, #text, p{  
    color:#FFF45F  
}
```

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 #FFF45F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF45F
}
```

Border

The CSS property to change the border of an element to Hex FFF45F 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
#FFF45F }
```

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

```
.border{ border-color:#FFF45F }
```

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

Here you see how a box with a 4 pixel #FFF45F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF45F; -webkit-box-shadow:4px 4px  
4px 4px #FFF45F; box-shadow:4px 4px 4px  
4px #FFF45F }
```

Background

The CSS property to change the background color of an element to Hex FFF45F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF45F }
```

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

```
.background{ background-color:#FFF45F }
```

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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