

Converting Colors

Hex(F7F046)

Have a look what the booklet for
Hex(F7F046) contains.

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Color

Hex(F7F046)

Conversions

Conversions Part 1

Format	Color
Hex	F7F046
RGB	247, 240, 70
RGB Percent	97%, 94%, 27%
CMY	0.0314, 0.0588, 0.7255
CMYK	0.00, 0.03, 0.72, 0.03
HSL	58°, 92%, 62%
HSV	58°, 72%, 97%
XYZ	70.6234, 82.5365, 18.0032
YIQ	222.7130, 58.7420, -51.3860

Conversions

Conversions Part 2

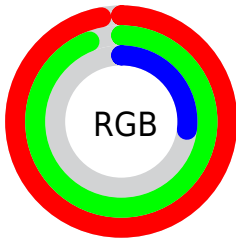
Format	Color
R_{YB}	77, 247, 70
Decimal	16248902
CIE _{Lab}	92.81, -16.14, 77.83
CIE _{LCh}	93, 79.490, 101.718
Yxy	82.5365, 0.4126, 0.4822
Android (android.graphics.Color)	4294438982 (0xFFFF7F046)
YUV	222.7130, -75.2875, 21.2997
Hunter-Lab	90.8496, -20.2271, 51.8455

Details

The Hex color **F7F046** 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 **464DF7**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFF81**, and **BBB800** is the 20% darker color. If you saturate the color by 10%, you get **F7EF2D**, and if you desaturate by 10%, it is **F7F15F**.

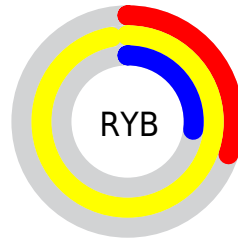
Distribution



Red (97%)

Green (94%)

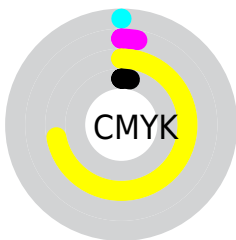
Blue (27%)



Red (30%)

Yellow (97%)

Blue (27%)

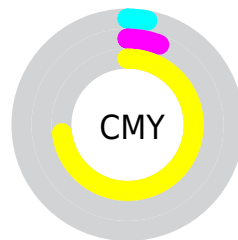


Cyan (0%)

Magenta (3%)

Yellow (72%)

Black (3%)



Cyan (3%)

Magenta (6%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7F046 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 F7F046 by changing the saturation by 10% instead.

 F7F046

 F7F046

FFFFFF

 D9D423

 FFFF81

 BBB800

 FFFF9E

 9D9E00

 FFFFBB

 818400

 FFFF81

 656B00

 FFFF66

 495300

 2E3C00

 152600

 001200

 F7F046

 F7F046

 F7EF2D

 F7F15F

 F7EE15

 F7F277

 F7ED00

 F7F390

 F7F4A9

 F7F5C2

 F7F6DA

 F7F7F3

 F7F8FF

 F7F9FF

Harmonies

Analogous

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



FFD553



F7F046



A2FF71

Triad

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



F7F046



00FFFF



FFACFF

Complementary

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



F7F046



464DF7

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



F7F046



00FFFF

Square

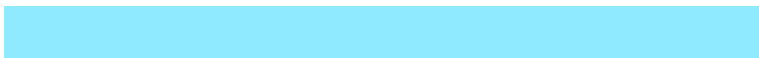
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F7F046



00FFFF



8FE9FF



FFA4CF

Rectangle

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



F7F046



4AFF9E



8FE9FF



FFB4FF

Sweetspot

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



F7F046



FFFDC9



F7464F



807E60



000000



808080

Same Dimension

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



F7F046



FFF624



A7F746



7A7A6E



BAB300



3B3800

Inverse Universe

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



464DF7



242CFF



9646F7



6E6F7A



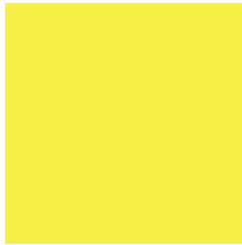
0007BA



00023B

Previews

White Background



This preview shows how the Hex color F7F046 looks on a white background.

Color Contrast Check

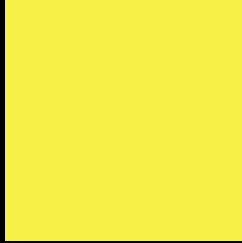
Large Text (above 18pt) WCAG AA × Fail

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 F7F046 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 F7F046 Background



This preview shows how black text looks on a background with the Hex color F7F046.

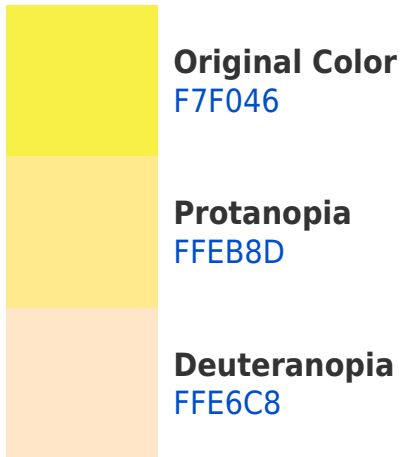


This preview shows how white text looks on a background with the Hex color F7F046.

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
FFE3F0

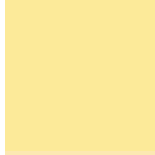
Trichromacy



Original Color
F7F046



Protanomaly
FCED73



Deuteranomaly
FCEA99

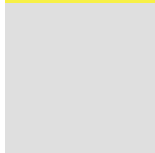


Tritanomaly
FCE8B2

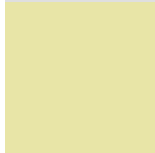
Monochromacy



Original Color
F7F046



Achromatopsia
DFDFDF



Achromatomaly
E8E5A7

CSS Examples

Text

The CSS property to change the color of the text to Hex F7F046 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 #F7F046 looks like.

```
.text, #text, p{  
    color:#F7F046  
}
```

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 #F7F046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7F046
}
```

Border

The CSS property to change the border of an element to Hex F7F046 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
#F7F046 }
```

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

```
.border{ border-color:#F7F046 }
```

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

Here you see how a box with a 4 pixel #F7F046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7F046; -webkit-box-shadow:4px 4px  
4px 4px #F7F046; box-shadow:4px 4px 4px  
4px #F7F046 }
```

Background

The CSS property to change the background color of an element to Hex F7F046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7F046 }
```

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

```
.background{ background-color:#F7F046 }
```

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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