

Converting Colors

Hex(FFF472)

Have a look what the booklet for
Hex(FFF472) contains.

Hex(FFF472)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFF472)

Conversions

Conversions Part 1

Format	Color
Hex	FFF472
RGB	255, 244, 114
RGB Percent	100%, 96%, 45%
CMY	0.0000, 0.0431, 0.5529
CMYK	0.00, 0.04, 0.55, 0.00
HSL	55°, 100%, 72%
HSV	55°, 55%, 100%
XYZ	76.6279, 87.1763, 28.7076
YIQ	232.4690, 48.2860, -38.0980

Conversions

Conversions Part 2

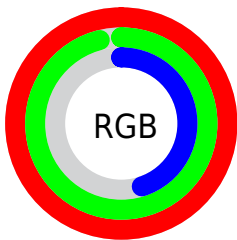
Format	Color
RYB	126, 255, 114
Decimal	16774258
CIELab	94.81, -12.29, 62.81
CIELCh	95, 64.002, 101.067
Yxy	87.1763, 0.3980, 0.4528
Android (android.graphics.Color)	4294964338 (0xFFFFFFFF472)
YUV	232.4690, -58.4052, 19.7597
Hunter-Lab	93.3682, -16.8982, 47.1281

Details

The Hex color **FFF472** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **727DFF**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFA9**, and **C4BC3B** is the 20% darker color. If you saturate the color by 10%, you get **FFF259**, and if you desaturate by 10%, it is **FFF68C**.

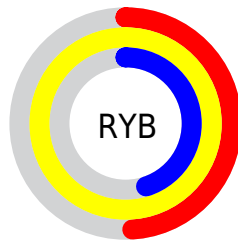
Distribution



Red (100%)

Green (96%)

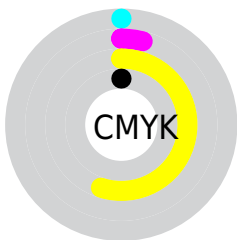
Blue (45%)



Red (49%)

Yellow (100%)

Blue (45%)

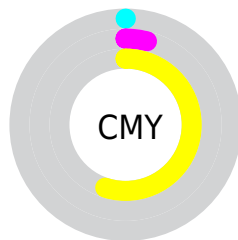


Cyan (0%)

Magenta (4%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF472 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 FFF472 by changing the saturation by 10% instead.

 FFF472

 FFF472

FFFFFF

 E1D857

 FFFFA9

 C4BC3B

 FFFFC6

 A7A11C

 FFFFE3

 8A8700

 6F6E00

 545600

 393F00

 202900

 001600

 FFF472

 FFF472

 FFF259

 FFF68C

 FFF03F

 FFF8A5

 FFEE25

 FFFABF

 FFEC0C

 FFFCD8

 FFEB00

 FFFE22

FFFFFF

Harmonies

Analogous

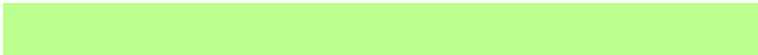
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDF7A



FFF472



BBFF8F

Triad

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



FFF472



00FFFF



FFC2FF

Complementary

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



FFF472



727DFE

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.



FFD7FF



FFF472



00FFFF

Square

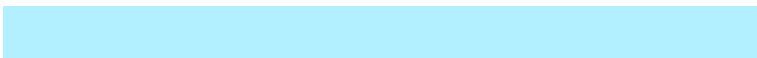
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF472



00FFFF



B2EFFF



FFBCDB

Rectangle

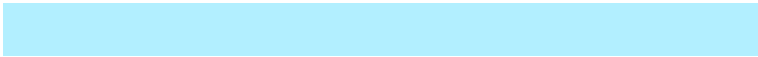
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF472



83FFB2



B2EFFF



FFC8FF

Sweetspot

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



FFF472



FFCD4



FF727E



807E66



000000



808080

Same Dimension

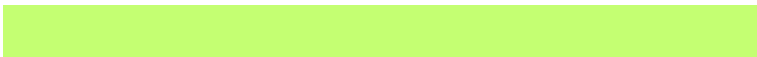
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFF472



FFF257



C4FF72



807F73



BFB000



403B00

Inverse Universe

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



727DFF



5764FF



AD72FF



737480



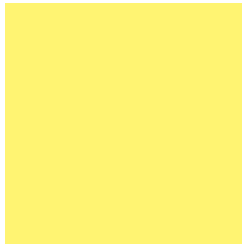
000FBF



000540

Previews

White Background



This preview shows how the Hex color FFF472 looks on a white background.

Color Contrast Check

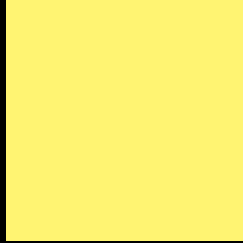
Large Text (above 18pt) WCAG AA × Fail

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 FFF472 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 FFF472 Background



This preview shows how black text looks on a background with the Hex color FFF472.


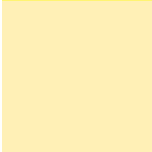
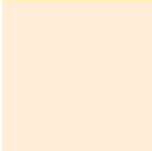


This preview shows how white text looks on a background with the Hex color FFF472.

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 FFF472
	Protanopia FFF0B6
	Deuteranopia FFEDDA



Tritanopia
FFEBF4

Trichromacy



Original Color
FFF472



Protanomaly
FFF19D



Deuteranomaly
FFF0B4

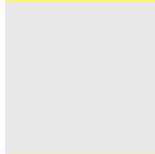


Tritanomaly
FFEEC5

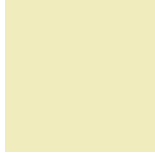
Monochromacy



Original Color
FFF472



Achromatopsia
E8E8E8



Achromatomaly
F0ECBD

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF472 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 #FFF472 looks like.

```
.text, #text, p{  
    color:#FFF472  
}
```

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 #FFF472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF472
}
```

Border

The CSS property to change the border of an element to Hex FFF472 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
#FFF472 }
```

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

```
.border{ border-color:#FFF472 }
```

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

Here you see how a box with a 4 pixel #FFF472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF472; -webkit-box-shadow:4px 4px  
4px 4px #FFF472; box-shadow:4px 4px 4px  
4px #FFF472 }
```

Background

The CSS property to change the background color of an element to Hex FFF472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF472 }
```

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

```
.background{ background-color:#FFF472 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor