

Converting Colors

Hex(FFCF47)

Have a look what the booklet for
Hex(FFCF47) contains.

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Color

Hex(FFCF47)

Conversions

Conversions Part 1	
Format	Color
Hex	FFCF47
RGB	255, 207, 71
RGB Percent	100%, 81%, 28%
CMY	0.0000, 0.1882, 0.7216
CMYK	0.00, 0.19, 0.72, 0.00
HSL	44°, 100%, 64%
HSV	44°, 72%, 100%
XYZ	64.6902, 66.3406, 15.3567
YIQ	205.8480, 72.2640, -32.1200

Conversions

Conversions Part 2

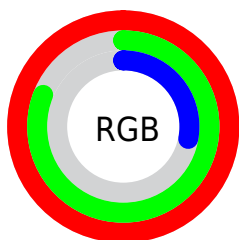
Format	Color
RYB	136, 255, 71
Decimal	16764743
CIELab	85.17, 3.74, 70.32
CIELCh	85, 70.424, 86.957
Yxy	66.3406, 0.4419, 0.4532
Android (android.graphics.Color)	4294954823 (0xFFFFCF47)
YUV	205.8480, -66.4801, 43.1063
Hunter-Lab	81.4497, -0.7662, 45.8361

Details

The Hex color **FFCF47** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4777FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF7F**, and **C29900** is the 20% darker color. If you saturate the color by 10%, you get **FFC82E**, and if you desaturate by 10%, it is **FFD661**.

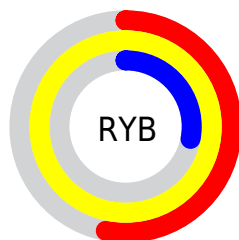
Distribution



Red (100%)

Green (81%)

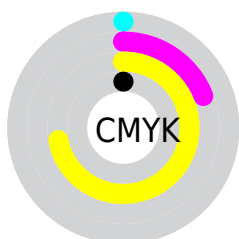
Blue (28%)



Red (53%)

Yellow (100%)

Blue (28%)

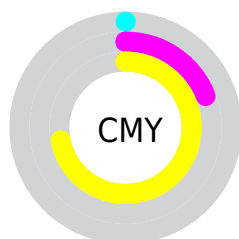


Cyan (0%)

Magenta (19%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFCF47 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 FFCF47 by changing the saturation by 10% instead.



FFCF47

FFFFFF



FFFF7F



FFF99B



FFFB7



FFFD4



FFFF1



FFCF47



E0B429



C29900



A47F00



876700



6B4F00



4F3800



352300



1C0E00



000000

 #FFCF47

 #FFCF47

 #FFC82E

 #FFD661

 #FFC214

 #FFDC7A

 #FFBC00

 #FFE393

 #FFEAA8

 #FFF0C7

 #FFF7E0

 #FFFEFA

 #FFFFFF

Harmonies

Analogous

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



FFB665



FFCF47



BEE356

Triad

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



FFCF47



00F5FF



FFABFF

Complementary

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



FFCF47



4777FF

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.



CBC6FF



FFCF47



00EEFF

Square

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



FFCF47



00F5CC



00DEFF



FF99DE

Rectangle

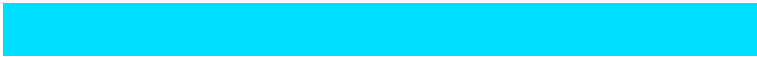
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFCF47



88EC75



00DEFF



FFB3FF

Sweetspot

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



FFCF47



FFF0C7



FF4778



80775E



000000



808080

Same Dimension

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



FFCF47



FFC521



D4FF47



807C73



BF8D00



402F00

Inverse Universe

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



4777FF



215BFF



7247FF



737680



0032BF



001140

Previews

White Background



This preview shows how the Hex color FFCF47 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 FFCF47 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 FFCF47 Background



This preview shows how black text looks on a background with the Hex color FFCF47.



This preview shows how white text looks on a background with the Hex color FFCF47.

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

FFCF47

Protanopia

EED549





Deuteranopia

FFCD7C




Tritanopia
FFC6D1

Trichromacy

	Original Color FFCF47
	Protanomaly F4D348
	Deuteranomaly FFCE69
	Tritanomaly FFC99F

Monochromacy

	Original Color FFCF47
	Achromatopsia CECECE
	Achromatomaly E0CE9D

CSS Examples

Text

The CSS property to change the color of the text to Hex FFCF47 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 #FFCF47 looks like.

```
.text, #text, p{  
    color:#FFCF47  
}
```

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 #FFCF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCF47
}
```

Border

The CSS property to change the border of an element to Hex FFCF47 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
#FFCF47 }
```

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

```
.border{ border-color:#FFCF47 }
```

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

Here you see how a box with a 4 pixel #FFCF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCF47; -webkit-box-shadow:4px 4px  
4px 4px #FFCF47; box-shadow:4px 4px 4px  
4px #FFCF47 }
```

Background

The CSS property to change the background color of an element to Hex FFCF47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCF47 }
```

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

```
.background{ background-color:#FFCF47 }
```

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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