

Converting Colors

Hex(FFC646)

Have a look what the booklet for
Hex(FFC646) contains.

Hex(FFC646)	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(FFC646)

Conversions

Conversions Part 1

Format	Color
Hex	FFC646
RGB	255, 198, 70
RGB Percent	100%, 78%, 27%
CMY	0.0000, 0.2235, 0.7255
CMYK	0.00, 0.22, 0.73, 0.00
HSL	42°, 100%, 64%
HSV	42°, 73%, 100%
XYZ	62.5396, 62.0904, 14.4828
YIQ	200.4510, 75.0600, -27.7240

Conversions

Conversions Part 2

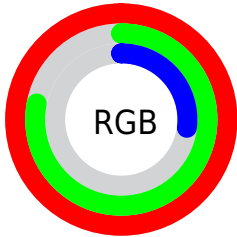
Format	Color
RYB	152, 255, 70
Decimal	16762438
CIELab	82.96, 8.33, 68.53
CIELCh	83, 69.035, 83.071
Yxy	62.0904, 0.4496, 0.4463
Android (android.graphics.Color)	4294952518 (0xFFFFC646)
YUV	200.4510, -64.3123, 47.8395
Hunter-Lab	78.7974, 3.7755, 44.2608

Details

The Hex color **FFC646** 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 **467FFF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFE7D**, and **C29100** is the 20% darker color. If you saturate the color by 10%, you get **FFBE2D**, and if you desaturate by 10%, it is **FFCE60**.

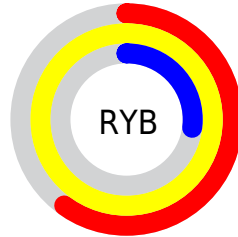
Distribution



Red (100%)

Green (78%)

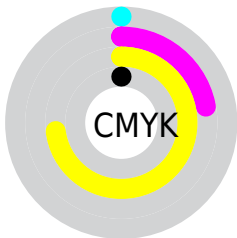
Blue (27%)



Red (60%)

Yellow (100%)

Blue (27%)

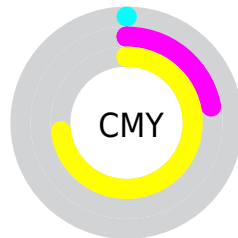


Cyan (0%)

Magenta (22%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC646 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 FFC646 by changing the saturation by 10% instead.

 FFC646

 FFC646

FFFFFF

 E0AB28

 FFFE7D

 C29100

 FFFF99

 A47700

 FFFFB5

 875F00

 FFFF D2

 6A4700

 FFFF EF

 4E3100

 341C00

 1C0400

 000000

 FFC646

 FFC646

 FFBE2D

 FFCE60

 FFB613

 FFD679

 FFB000

 FFDE93

 FFE5AC

 FFEDC6

 FFF5DF

 FFFDF9

FFFFFF

Harmonies

Analogous

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



FFAD68



FFC646



C1DA4E

Triad

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



FFC646



00EEFF



FFA9FF

Complementary

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



FFC646



467FFF

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.



B7C4FF



FFC646



00E8FF

Square

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



FFC646



00EDBD



00DAFF



FF96E0

Rectangle

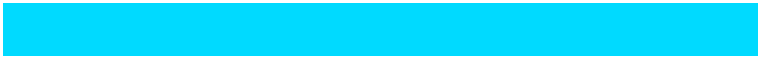
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC646



8FE46B



00DAFF



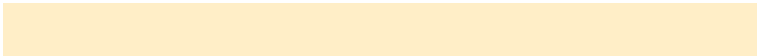
F7B2FF

Sweetspot

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



FFC646



FFEEC7



FF4681



80755E



000000



808080

Same Dimension

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



FFC646



FFBB21



DDFF46



807C73



BF8400



402C00

Inverse Universe

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



467FFF



2166FF



6846FF



737780



003BBF



001440

Previews

White Background



This preview shows how the Hex color FFC646 looks on a white background.

Color Contrast Check

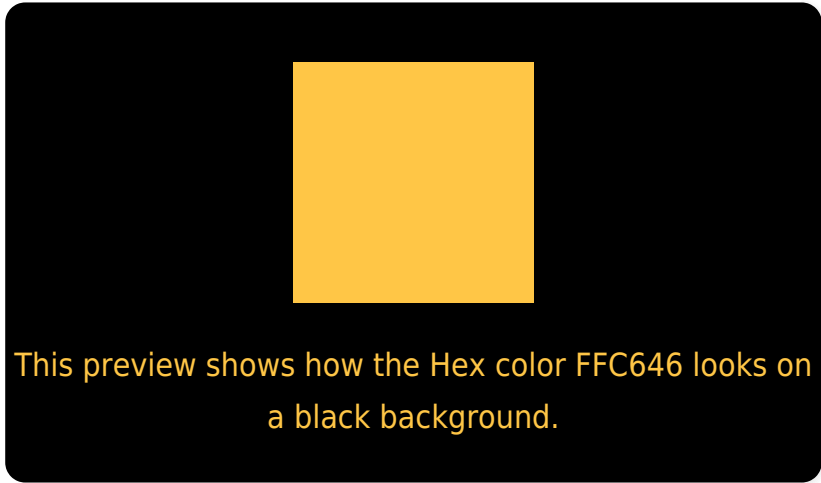
Large Text (above 18pt) WCAG AA × Fail

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 FFC646 Background



This preview shows how black text looks on a background with the Hex color FFC646.



This preview shows how white text looks on a background with the Hex color FFC646.

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

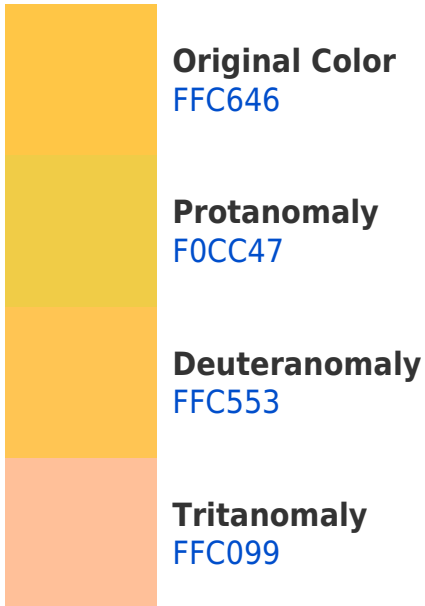


Original Color
FFC646

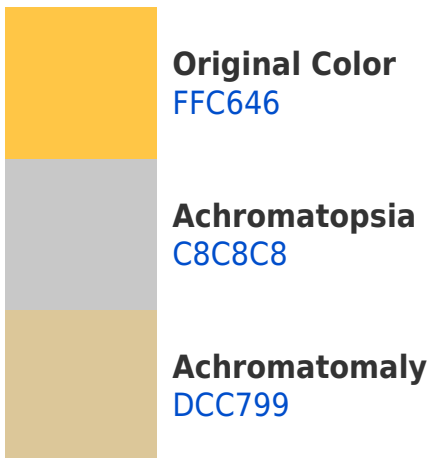
Protanopia
E7CF48

Deuteranopia
FFC55B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC646 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 #FFC646 looks like.

```
.text, #text, p{  
    color:#FFC646  
}
```

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 #FFC646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC646
}
```

Border

The CSS property to change the border of an element to Hex FFC646 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
#FFC646 }
```

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

```
.border{ border-color:#FFC646 }
```

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

Here you see how a box with a 4 pixel #FFC646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC646; -webkit-box-shadow:4px 4px  
4px 4px #FFC646; box-shadow:4px 4px 4px  
4px #FFC646 }
```

Background

The CSS property to change the background color of an element to Hex FFC646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC646 }
```

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

```
.background{ background-color:#FFC646 }
```

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