

Converting Colors

Hex(FFC864)

Have a look what the booklet for
Hex(FFC864) contains.

Hex(FFC864)	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(FFC864)

Conversions

Conversions Part 1

Format	Color
Hex	FFC864
RGB	255, 200, 100
RGB Percent	100%, 78%, 39%
CMY	0.0000, 0.2157, 0.6078
CMYK	0.00, 0.22, 0.61, 0.00
HSL	39°, 100%, 70%
HSV	39°, 61%, 100%
XYZ	64.1945, 63.4887, 20.9277
YIQ	205.0450, 64.8800, -19.4400

Conversions

Conversions Part 2

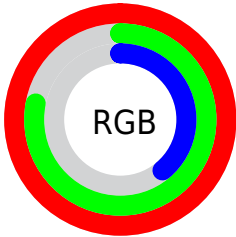
Format	Color
RYB	185, 255, 100
Decimal	16762980
CIELab	83.70, 8.95, 56.47
CIELCh	84, 57.179, 80.992
Yxy	63.4887, 0.4320, 0.4272
Android (android.graphics.Color)	4294953060 (0xFFFFC864)
YUV	205.0450, -51.7872, 43.8105
Hunter-Lab	79.6798, 4.3701, 40.2035

Details

The Hex color **FFC864** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **649BFF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF9A**, and **C3922F** is the 20% darker color. If you saturate the color by 10%, you get **FFBF4B**, and if you desaturate by 10%, it is **FFD17D**.

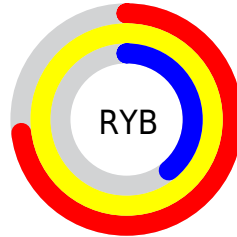
Distribution



Red (100%)

Green (78%)

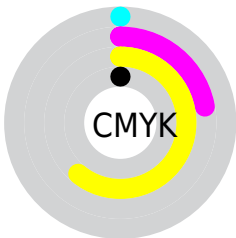
Blue (39%)



Red (73%)

Yellow (100%)

Blue (39%)

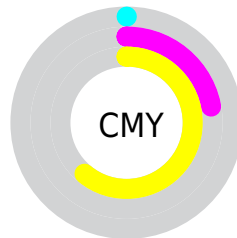


Cyan (0%)

Magenta (22%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC864 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 FFC864 by changing the saturation by 10% instead.

 FFC864

FFFFFF

 FFFF9A

 FFFFB5

 FFFFD2

 FFFFEF

 FFC864

 E1AD4A

 C3922F

 A57911

 896000

 6D4800

 513200

 361D00

 1F0600

 000000

 FFC864

 FFC864

 FFBF4B

 FFD17D

 FFB631

 FFDA97

 FFAD18

 FFE3B1

 FFA500

 FFECCA

 FFF5E3

FFFEFD

FFFFFF

Harmonies

Analogous

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



FFB47F



FFC864



CBD968

Triad

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



FFC864



00ECF5



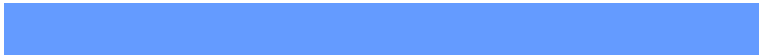
FFB4FF

Complementary

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



FFC864



649BFF

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.



BBC9FF



FFC864



00E7FF

Square

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



FFC864



1CEBBE



40DBFF



FFA5E3

Rectangle

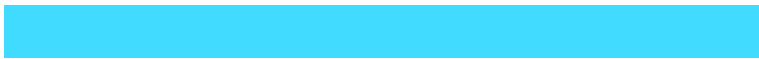
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC864



A3E27C



40DBFF



EFBBFF

Sweetspot

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



FFC864



FFEFD1



FF649D



807663



000000



808080

Same Dimension

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



FFC864



FFBD45



EAFF64



807B73



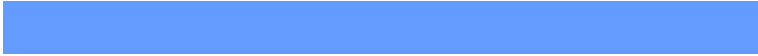
BF7B00



402900

Inverse Universe

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



649BFF



4587FF



7964FF



737780



0044BF



001740

Previews

White Background



This preview shows how the Hex color FFC864 looks on a white background.

Color Contrast Check

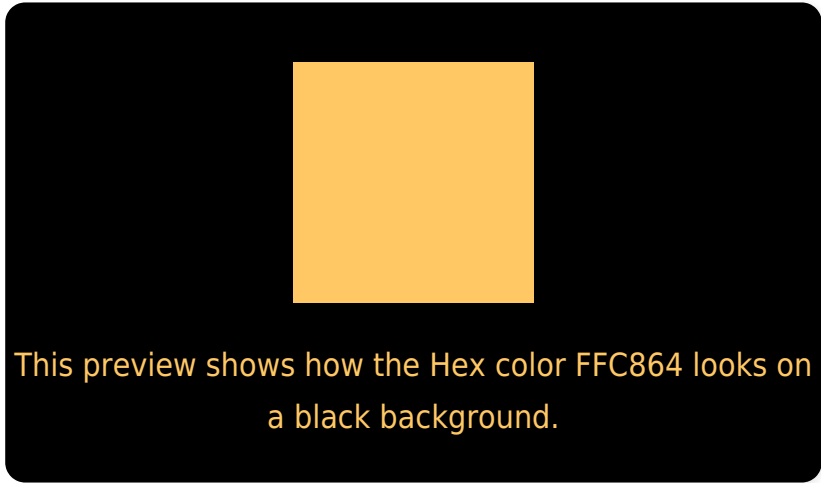
Large Text (above 18pt) WCAG AA × Fail

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 FFC864 Background



This preview shows how black text looks on a background with the Hex color FFC864.

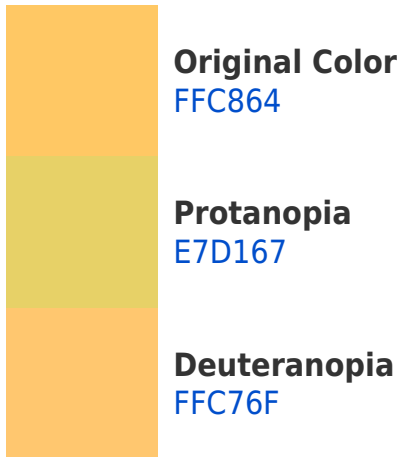


This preview shows how white text looks on a background with the Hex color FFC864.

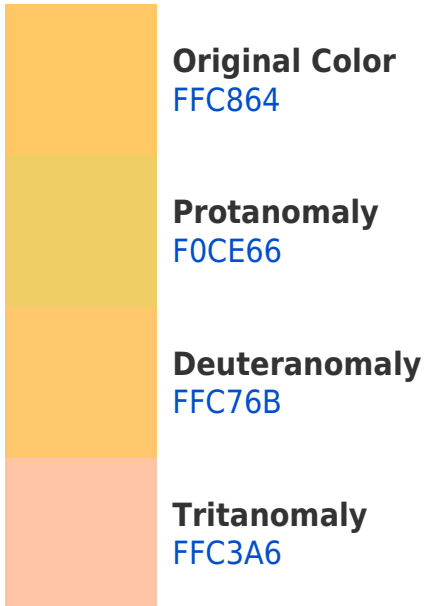
Color Blindness Simulation

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](#).

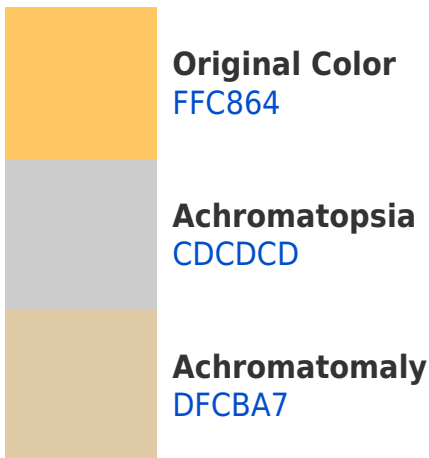
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC864 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 #FFC864 looks like.

```
.text, #text, p{  
    color:#FFC864  
}
```

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 #FFC864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC864
}
```

Border

The CSS property to change the border of an element to Hex FFC864 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
#FFC864 }
```

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

```
.border{ border-color:#FFC864 }
```

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

Here you see how a box with a 4 pixel #FFC864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC864; -webkit-box-shadow:4px 4px  
4px 4px #FFC864; box-shadow:4px 4px 4px  
4px #FFC864 }
```

Background

The CSS property to change the background color of an element to Hex FFC864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC864 }
```

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

```
.background{ background-color:#FFC864 }
```

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