

# Converting Colors

Hex(FFC675)

Have a look what the booklet for  
Hex(FFC675) contains.

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# **Color**

**Hex(FFC675)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC675
RGB	255, 198, 117
RGB Percent	100%, 78%, 46%
CMY	0.0000, 0.2235, 0.5412
CMYK	0.00, 0.22, 0.54, 0.00
HSL	35°, 100%, 73%
HSV	35°, 54%, 100%
XYZ	64.6450, 62.9325, 25.5697
YIQ	205.8090, 59.9730, -13.1070

# Conversions

## Conversions Part 2

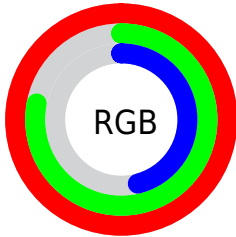
Format	Color
<a href="#">RYB</a>	<a href="#">214, 255, 117</a>
Decimal	<a href="#">16762485</a>
CIELab	<a href="#">83.41, 11.23, 48.00</a>
CIELCh	<a href="#">83, 49.297, 76.827</a>
Yxy	<a href="#">62.9325, 0.4221, 0.4109</a>
Android (android.graphics.Color)	<a href="#">4294952565</a> ( <a href="#">0xFFFFC675</a> )
YUV	<a href="#">205.8090, -43.7828, 43.1405</a>
Hunter-Lab	<a href="#">79.3300, 6.6297, 36.4207</a>

# Details

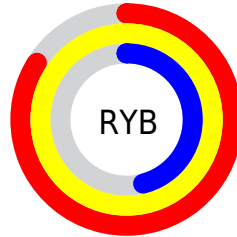
The Hex color **FFC675** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **75AEFF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFAB**, and **C39042** is the 20% darker color. If you saturate the color by 10%, you get **FFBB5B**, and if you desaturate by 10%, it is **FFD18F**.

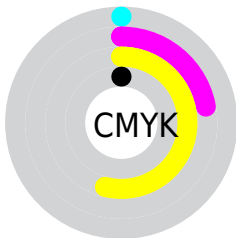
# Distribution



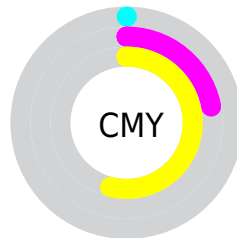
- Red (100%)
- Green (78%)
- Blue (46%)



- Red (84%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC675 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 FFC675 by changing the saturation by 10% instead.



 FFC675

 FFC675

FFFFFF

 E1AB5B

 FFFFAB

 C39042

 FFFFC6

 A67729

 FFFFE3

 8A5E0D

 6E4700

 533000

 381B00

 200300

 000000

 FFC675

 FFC675

 FFBB5B

 FFD18F

 FFB142

 FFDBA8

 FFA628

 FFE6C2

 FF9C0F

 FFF0DB

 FF9600

 FFFBF4

FFFFFF

# Harmonies

## Analogous

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



FFB68E



FFC675



D3D575

# Triad

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



FFC675



00E8E9



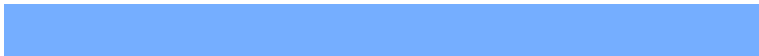
F5BAFF

# Complementary

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



FFC675



75AEFF

# 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.



B5CBFF



FFC675



00E4FF

# Square

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



FFC675



5EE7B9



5CDBFF



FFAED6

# Rectangle

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



FFC675



B1DD84



5CDBFF



E2C0FF

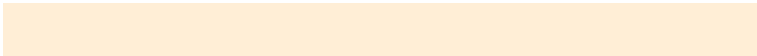


# Sweetspot

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



FFC675



FFEED6



FF75AE



807567



000000



808080



# Same Dimension

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



FFC675



FFBB59



F4FF75



807A73



BF7000

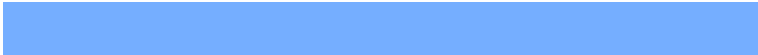


402500

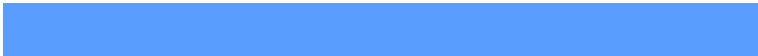


# Inverse Universe

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



75AEFF



599EFF



8175FF



737880



004FBF



001A40



# Previews

## White Background



This preview shows how the Hex color FFC675 looks on a white background.

## Color Contrast Check

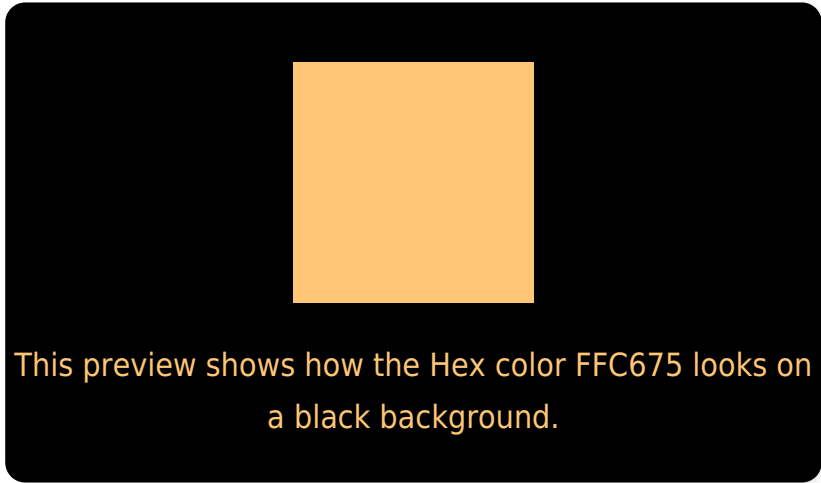
Large Text (above 18pt) WCAG AA × Fail

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 FFC675 Background



This preview shows how black text looks on a background with the Hex color FFC675.

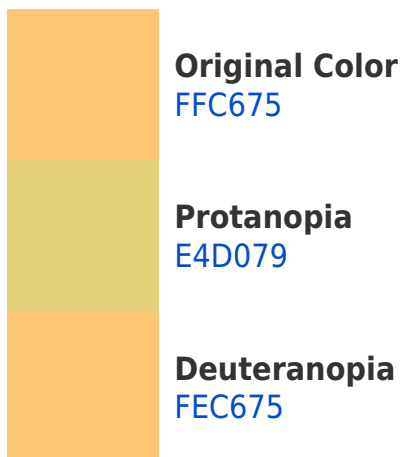


This preview shows how white text looks on a background with the Hex color FFC675.

# 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](#).

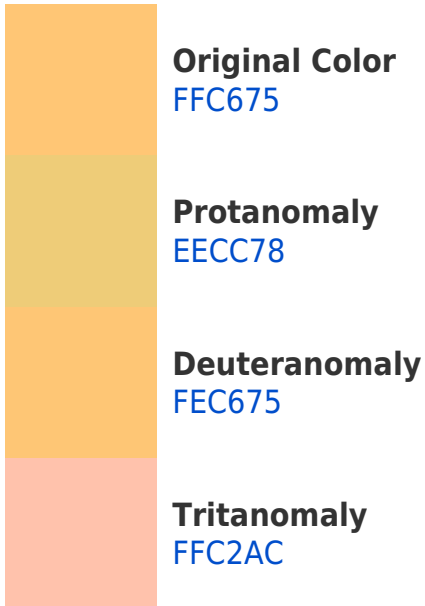
## Dichromacy



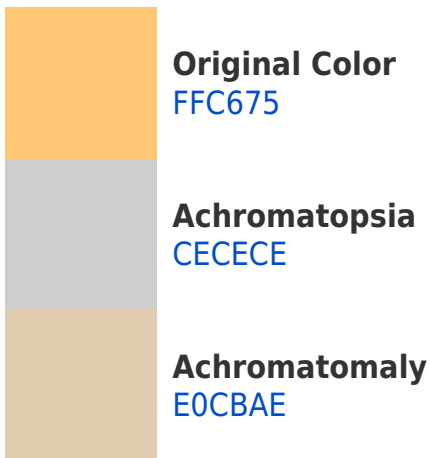


**Tritanopia**  
FFBFCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC675 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 #FFC675 looks like.

```
.text, #text, p{  
    color:#FFC675  
}
```

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 #FFC675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC675
}
```

## Border

The CSS property to change the border of an element to Hex FFC675 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
#FFC675 }
```

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

```
.border{ border-color:#FFC675 }
```

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

Here you see how a box with a 4 pixel #FFC675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC675; -webkit-box-shadow:4px 4px  
4px 4px #FFC675; box-shadow:4px 4px 4px  
4px #FFC675 }
```

# Background

The CSS property to change the background color of an element to Hex FFC675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC675 }
```

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

```
.background{ background-color:#FFC675 }
```

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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