

# Converting Colors

Hex(FFC457)

Have a look what the booklet for  
Hex(FFC457) contains.

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# **Color**

**Hex(FFC457)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FFC457                      |
| RGB         | 255, 196, 87                |
| RGB Percent | 100%, 77%, 34%              |
| CMY         | 0.0000, 0.2314, 0.6588      |
| CMYK        | 0.00, 0.23, 0.66, 0.00      |
| HSL         | 39°, 100%, 67%              |
| HSV         | 39°, 66%, 100%              |
| XYZ         | 62.7002, 61.4280, 17.5690   |
| YIQ         | 201.2150, 70.1530, -21.3910 |

# Conversions

## Conversions Part 2

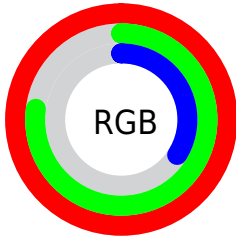
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">178, 255, 87</a>                                 |
| Decimal                             | <a href="#">16761943</a>                                     |
| CIELab                              | <a href="#">82.61, 10.22, 61.13</a>                          |
| CIELCh                              | <a href="#">83, 61.980, 80.507</a>                           |
| Yxy                                 | <a href="#">61.4280, 0.4425, 0.4335</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4294952023</a><br>( <a href="#">0xFFFFC457</a> ) |
| YUV                                 | <a href="#">201.2150, -56.3080, 47.1694</a>                  |
| Hunter-Lab                          | <a href="#">78.3760, 5.6407, 41.5726</a>                     |

# Details

The Hex color **FFC457** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5792FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFC8D**, and **C28F1F** is the 20% darker color. If you saturate the color by 10%, you get **FFBB3E**, and if you desaturate by 10%, it is **FFCD71**.

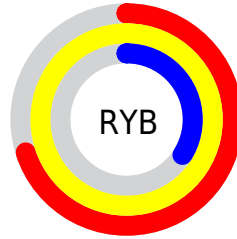
# Distribution



Red (100%)

Green (77%)

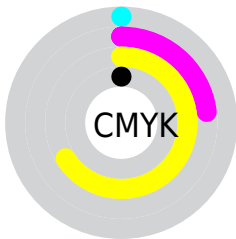
Blue (34%)



Red (70%)

Yellow (100%)

Blue (34%)

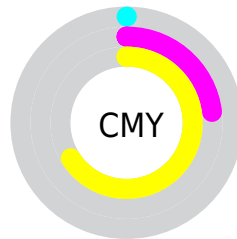


Cyan (0%)

Magenta (23%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC457 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 FFC457 by changing the saturation by 10% instead.



 FFC457

 FFC457

FFFFFF

 E0A93C

 FFFC8D

 C28F1F

 FFFFA9

 A57500

 FFFFC5

 885D00

 FFFFE1

 6B4500

 4F2F00

 351A00

 1D0100

 000000

 FFC457

 FFC457

 FFBB3E

 FFCD71

 FFB224

 FFD68A

 FFA90B

 FFDF A4

 FFA500

 FFE8BD

 FFF1D7

 FFFAF0

FFFFFF

# Harmonies

## Analogous

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



FFAE76



FFC457



C8D75B

# Triad

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



FFC457



00EBF5



FFAEFF

# Complementary

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



FFC457



5792FF

# 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.



B2C6FF



FFC457



00E6FF

# Square

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



FFC457



00EAB8



00D9FF



FF9DE3

# Rectangle

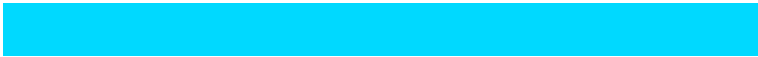
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC457



9CE071



00D9FF



EDB6FF

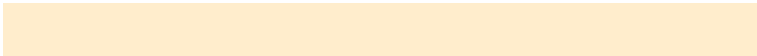


# Sweetspot

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



FFC457



FFEDCC



FF5795



807561



000000



808080



# Same Dimension

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



FFC457



FFB836



E9FF57



807B73



BF7C00



402900



# Inverse Universe

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



5792FF



367CFF



6D57FF



737780



0043BF



001640



# Previews

## White Background



This preview shows how the Hex color FFC457 looks on a white background.

## Color Contrast Check

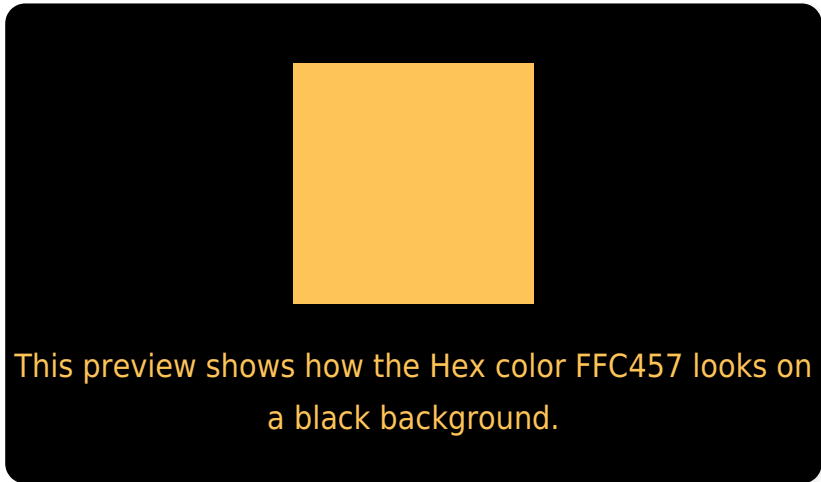
Large Text (above 18pt) WCAG AA × Fail

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 FFC457 Background



This preview shows how black text looks on a background with the Hex color FFC457.



This preview shows how white text looks on a background with the Hex color FFC457.

# 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



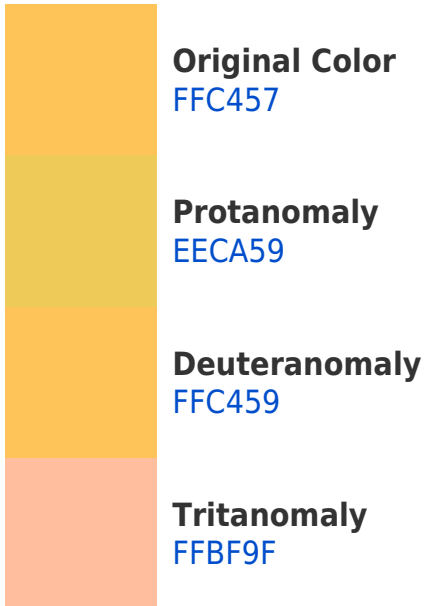
**Original Color**  
FFC457

**Protanopia**  
E5CE5A

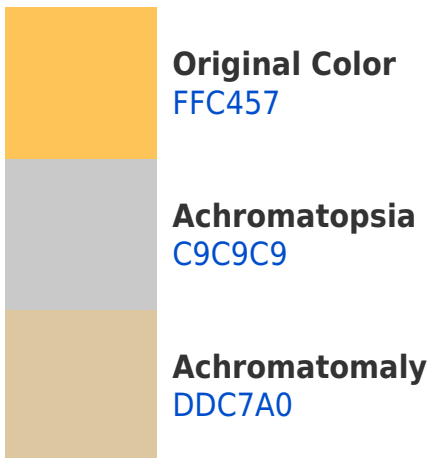
**Deuteranopia**  
FFC45A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC457 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 #FFC457 looks like.

```
.text, #text, p{  
  color:#FFC457  
}
```

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 #FFC457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC457
}
```

## Border

The CSS property to change the border of an element to Hex FFC457 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
#FFC457 }
```

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

```
.border{ border-color:#FFC457 }
```

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

Here you see how a box with a 4 pixel #FFC457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC457; -webkit-box-shadow:4px 4px  
4px 4px #FFC457; box-shadow:4px 4px 4px  
4px #FFC457 }
```

# Background

The CSS property to change the background color of an element to Hex FFC457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC457 }
```

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

```
.background{ background-color:#FFC457 }
```

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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