

# Converting Colors

Hex(FFC14D)

Have a look what the booklet for  
Hex(FFC14D) contains.

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**Color**

**Hex(FFC14D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC14D
RGB	255, 193, 77
RGB Percent	100%, 76%, 30%
CMY	0.0000, 0.2431, 0.6980
CMYK	0.00, 0.24, 0.70, 0.00
HSL	39°, 100%, 65%
HSV	39°, 70%, 100%
XYZ	61.6495, 59.9358, 15.3407
YIQ	198.3140, 74.1880, -22.9320

# Conversions

## Conversions Part 2

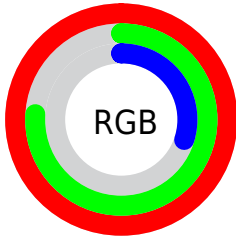
Format	Color
<a href="#">RYB</a>	<a href="#">172, 255, 77</a>
Decimal	<a href="#">16761165</a>
<a href="#">CIELab</a>	<a href="#">81.80, 11.25, 64.56</a>
<a href="#">CIELCh</a>	<a href="#">82, 65.529, 80.117</a>
<a href="#">Yxy</a>	<a href="#">59.9358, 0.4502, 0.4377</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294951245 (0xFFFFC14D)</a>
<a href="#">YUV</a>	<a href="#">198.3140, -59.8078, 49.7136</a>
<a href="#">Hunter-Lab</a>	<a href="#">77.4182, 6.6610, 42.4442</a>

# Details

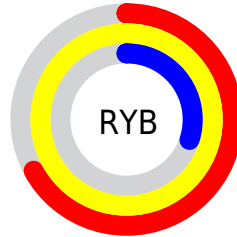
The Hex color **FFC14D** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **4D8BFF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF983**, and **C28C0E** is the 20% darker color. If you saturate the color by 10%, you get **FFB834**, and if you desaturate by 10%, it is **FFCA67**.

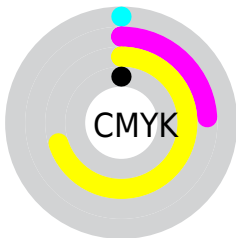
# Distribution



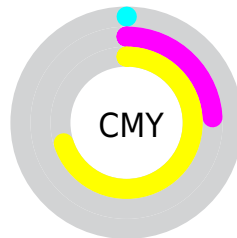
- Red (100%)
- Green (76%)
- Blue (30%)



- Red (67%)
- Yellow (100%)
- Blue (30%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC14D 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 FFC14D by changing the saturation by 10% instead.



 FFC14D

 FFC14D

FFFFFF

 E0A631

 FFF983

 C28C0E

 FFFF9F

 A47200

 FFFFBB

 875A00

 FFFF88

 6A4300

 FFFF55

 4E2D00

 341800

 1D0000

 000000

 FFC14D

 FFC14D

 FFB834

 FFCA67

 FFAF1A

 FFD380

 FFA601

 FFDC9A

 FFA600

 FFE5B3

 FFEDCD

 FFF6E6

FFFFFF

# Harmonies

## Analogous

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



FFAA6F



FFC14D



C5D551

# Triad

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



FFC14D



00EAF4



FFAAFF

# Complementary

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



FFC14D



4D8BFF

# 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.



ABC3FF



FFC14D



00E5FF

# Square

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



FFC14D



00E9B4



00D8FF



FF97E2

# Rectangle

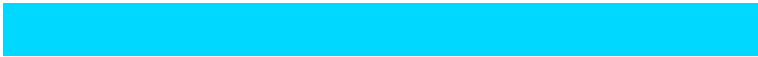
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC14D



97DE69



00D8FF



EAB3FF



# Sweetspot

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



FFC14D



FFECC9



FF4D8B



807460



000000



808080



# Same Dimension

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



FFC14D



FFB429



E4FF4D



807B73



BF7D00



402A00



# Inverse Universe

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



4D8BFF



2973FF



684DFF



737780



0043BF



001640



# Previews

## White Background



This preview shows how the Hex color FFC14D looks on a white background.

## Color Contrast Check

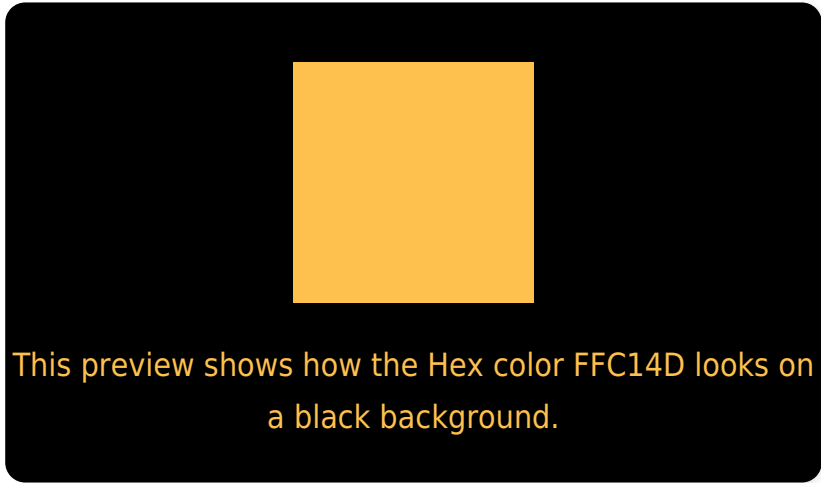
Large Text (above 18pt) WCAG AA × Fail

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 FFC14D Background



This preview shows how black text looks on a background with the Hex color FFC14D.

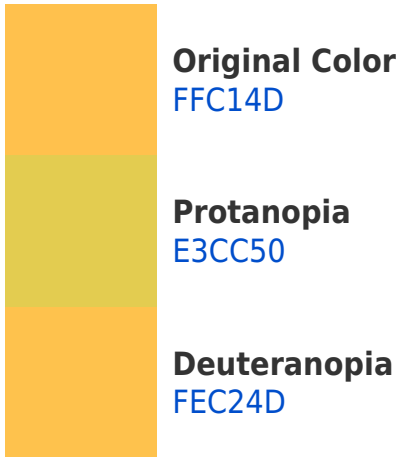


This preview shows how white text looks on a background with the Hex color FFC14D.

# 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](#).

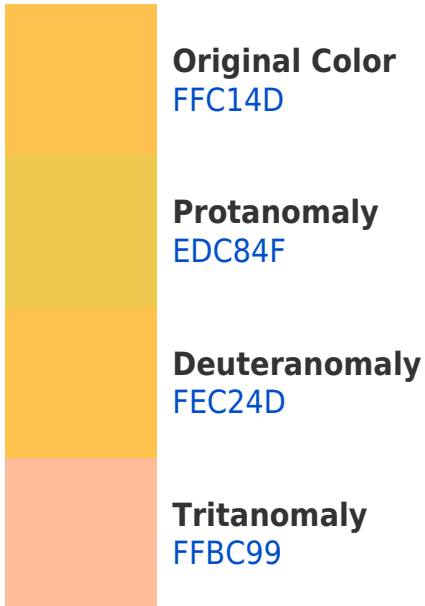
## Dichromacy



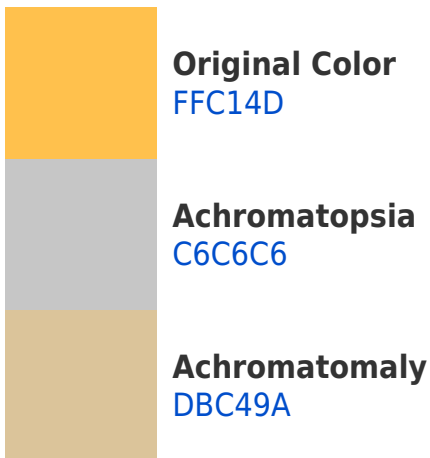


**Tritanopia**  
FFB9C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC14D 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 #FFC14D looks like.

```
.text, #text, p{  
    color:#FFC14D  
}
```

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 #FFC14D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC14D
}
```

## Border

The CSS property to change the border of an element to Hex FFC14D 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
#FFC14D }
```

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

```
.border{ border-color:#FFC14D }
```

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

Here you see how a box with a 4 pixel #FFC14D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC14D; -webkit-box-shadow:4px 4px  
4px 4px #FFC14D; box-shadow:4px 4px 4px  
4px #FFC14D }
```

# Background

The CSS property to change the background color of an element to Hex FFC14D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC14D }
```

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

```
.background{ background-color:#FFC14D }
```

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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