

# Converting Colors

Hex(FEC04D)

Have a look what the booklet for  
Hex(FEC04D) contains.

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# **Color**

**Hex(FEC04D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEC04D
RGB	254, 192, 77
RGB Percent	100%, 75%, 30%
CMY	0.0039, 0.2471, 0.6980
CMYK	0.00, 0.24, 0.70, 0.00
HSL	39°, 99%, 65%
HSV	39°, 70%, 100%
XYZ	61.0622, 59.3059, 15.2500
YIQ	197.4280, 73.8670, -22.6210

# Conversions

## Conversions Part 2

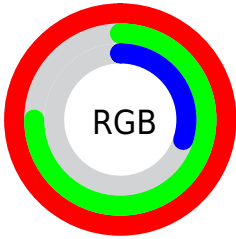
Format	Color
<a href="#">RYB</a>	<a href="#">172, 254, 77</a>
Decimal	<a href="#">16695373</a>
CIELab	<a href="#">81.46, 11.35, 64.17</a>
CIELCh	<a href="#">81, 65.165, 79.969</a>
Yxy	<a href="#">59.3059, 0.4503, 0.4373</a>
Android (android.graphics.Color)	<a href="#">4294885453</a> ( <a href="#">0xFFFE04D</a> )
YUV	<a href="#">197.4280, -59.3710, 49.6136</a>
Hunter-Lab	<a href="#">77.0103, 6.7663, 42.1663</a>

# Details

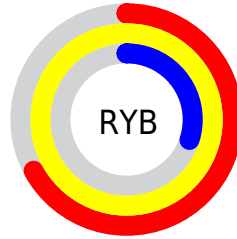
The Hex color **FEC04D** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **4D8BFE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFF883**, and **C18B0F** is the 20% darker color. If you saturate the color by 10%, you get **FEB734**, and if you desaturate by 10%, it is **FEC966**.

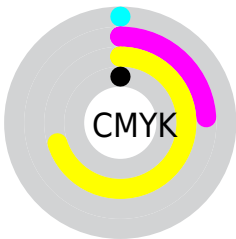
# Distribution



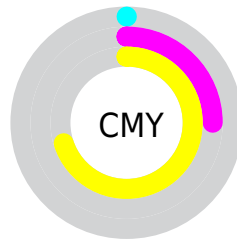
- Red (100%)
- Green (75%)
- Blue (30%)



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



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



- Cyan (0%)
- Magenta (25%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEC04D 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 FEC04D by changing the saturation by 10% instead.



 FEC04D

 FEC04D

FFFFFF

 DFA531

 FFF883

 C18B0F

 FFFF9F

 A37100

 FFFFBB

 865900

 FFFF D8

 6A4200

 FFFFF5

 4E2C00

 331700

 1C0000

 000000

 FEC04D

 FEC04D

 FEB734

 FEC966

 FEAE1A

 FED280

 FEA501

 FEDB99

 FEA500

 FEE4B3

 FEECCC

 FEF5E5

FEFEFF

FEFFFF

# Harmonies

## Analogous

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



FFA96F



FEC04D



C5D450

# Triad

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



FEC04D



00E9F2



FFAAFF

# Complementary

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



FEC04D



4D8BFE

# 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.



AAC3FF



FEC04D



00E4FF

# Square

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



FEC04D



00E7B3



00D7FF



FF97E2

# Rectangle

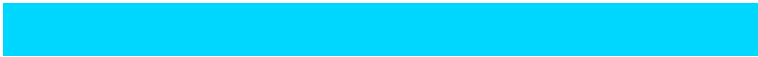
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEC04D



97DD68



00D7FF



E9B2FF

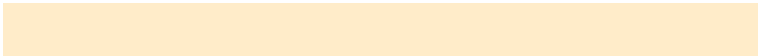


# Sweetspot

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



FEC04D



FFECC9



FE4D8E



807460



000000



808080



# Same Dimension

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



FEC04D



FFB429



E6FE4D



807B73



BF7C00



402900



# Inverse Universe

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



4D8BFE



2974FF



654DFE



737780



0043BF



001640



# Previews

## White Background



This preview shows how the Hex color FEC04D looks on a white background.

## Color Contrast Check

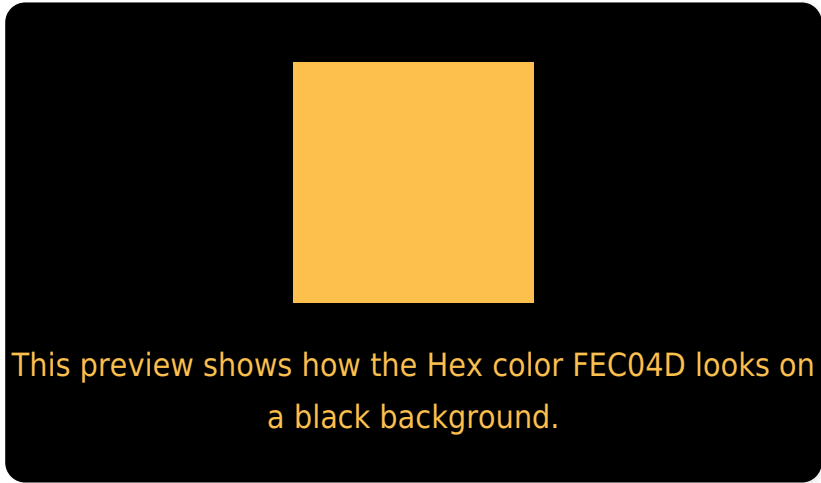
Large Text (above 18pt) WCAG AA × Fail

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 FEC04D Background



This preview shows how black text looks on a background with the Hex color FEC04D.

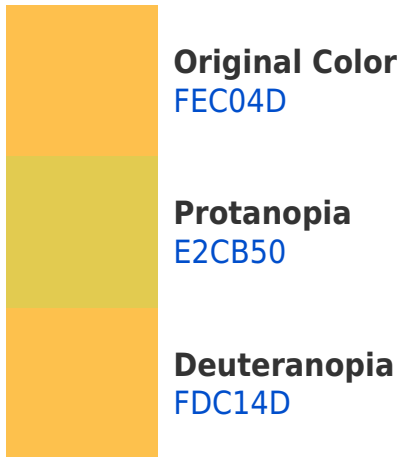


This preview shows how white text looks on a background with the Hex color FEC04D.

# 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](#).

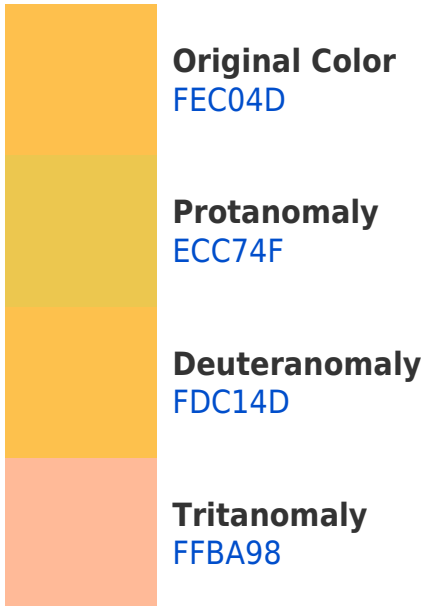
## Dichromacy



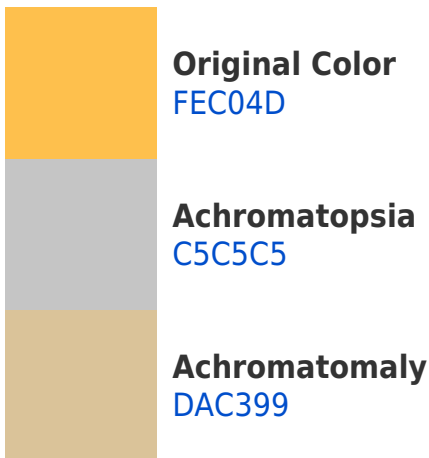


**Tritanopia**  
FFB7C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEC04D 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 #FEC04D looks like.

```
.text, #text, p{  
    color:#FEC04D  
}
```

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 #FEC04D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEC04D
}
```

## Border

The CSS property to change the border of an element to Hex FEC04D 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
#FEC04D }
```

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

```
.border{ border-color:#FEC04D }
```

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

Here you see how a box with a 4 pixel #FEC04D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEC04D; -webkit-box-shadow:4px 4px  
4px 4px #FEC04D; box-shadow:4px 4px 4px  
4px #FEC04D }
```

# Background

The CSS property to change the background color of an element to Hex FEC04D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEC04D }
```

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

```
.background{ background-color:#FEC04D }
```

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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