

# Converting Colors

Hex(F9E03E)

Have a look what the booklet for  
Hex(F9E03E) contains.

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# **Color**

**Hex(F9E03E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9E03E
RGB	249, 224, 62
RGB Percent	98%, 88%, 24%
CMY	0.0235, 0.1216, 0.7569
CMYK	0.00, 0.10, 0.75, 0.02
HSL	52°, 94%, 61%
HSV	52°, 75%, 98%
XYZ	66.5921, 73.7988, 15.2923
YIQ	213.0070, 66.9020, -45.0820

# Conversions

## Conversions Part 2

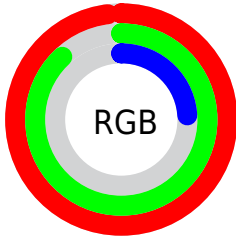
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 249, 62
Decimal	16375870
CIE Lab	88.83, -7.76, 76.78
CIE LCh	89, 77.168, 95.770
Yxy	73.7988, 0.4277, 0.4740
Android (android.graphics.Color)	4294565950 (0xFFFF9E03E)
YUV	213.0070, -74.4465, 31.5659
Hunter-Lab	85.9063, -11.9678, 49.5801

# Details

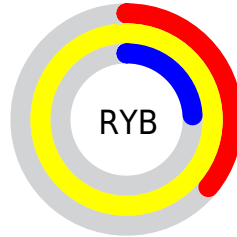
The Hex color **F9E03E** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3E57F9**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF79**, and **BCA900** is the 20% darker color. If you saturate the color by 10%, you get **F9DD25**, and if you desaturate by 10%, it is **F9E357**.

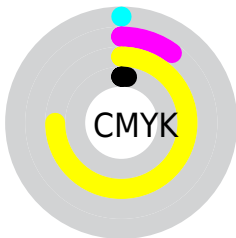
# Distribution



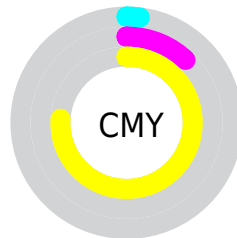
- Red (98%)
- Green (88%)
- Blue (24%)



- Red (36%)
- Yellow (98%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (75%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9E03E 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 F9E03E by changing the saturation by 10% instead.



 F9E03E

 F9E03E

FFFFFF

 DAC419

 FFFF79

 BCA900

 FFFF95

 9F8F00

 FFFFB2

 827600

 FFFFCE

 665D00

 FFFFED

 4A4600

 303000

 181B00

 000000

 F9E03E

 F9E03E

 F9DD25

 F9E357

 F9D90C

 F9E770

 F9D800

 F9EA89

 F9EDA2

 F9F1BB

 F9F4D3

 F9F7EC

 F9FBFF

 F9FEFF

# Harmonies

## Analogous

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



FFC555



F9E03E



ACF35F

# Triad

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



F9E03E



00FFFF



FFA8FF

# Complementary

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



F9E03E



3E57F9

# 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.



F5C6FF



F9E03E



00F7FF

# Square

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



F9E03E



00FFEC



59E3FF



FF9AD4

# Rectangle

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



F9E03E



65FB88



59E3FF



FFB1FF



# Sweetspot

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



F9E03E



FFF7C4



F93E5A



807B5C



000000



808080



# Same Dimension

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



F9E03E



FFE019



B8F93E



7D7B70



BDA300



3D3500



# Inverse Universe

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



3E57F9



1938FF



7F3EF9



70727D



0019BD



00083D



# Previews

## White Background



This preview shows how the Hex color F9E03E looks on a white background.

## Color Contrast Check

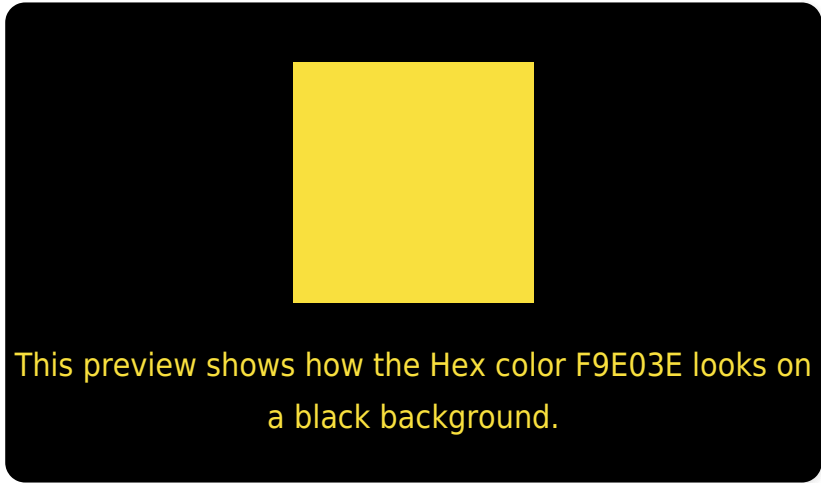
Large Text (above 18pt) WCAG AA × Fail

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 F9E03E Background



This preview shows how black text looks on a background with the Hex color F9E03E.



This preview shows how white text looks on a background with the Hex color F9E03E.

# 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**  
F9E03E

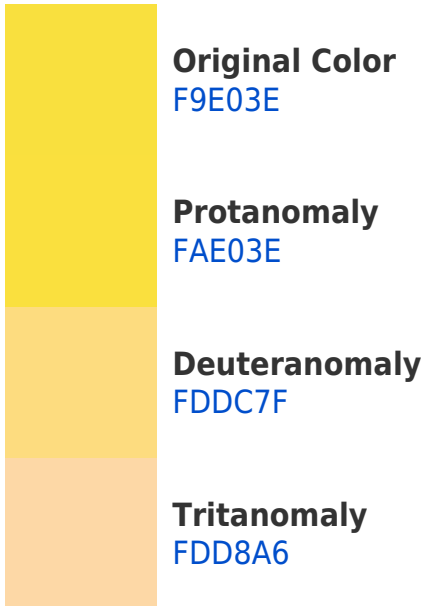
**Protanopia**  
FAE03E

**Deuteranopia**  
FFD9A4

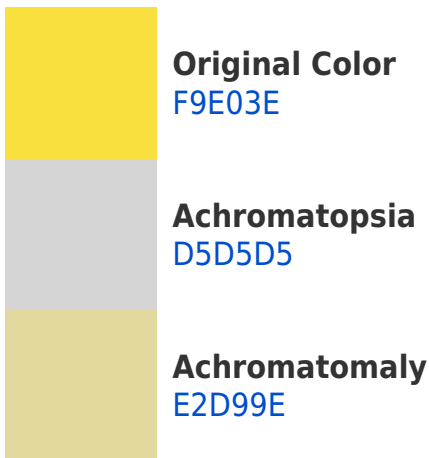


**Tritanopia**  
FFD4E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9E03E 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 #F9E03E looks like.

```
.text, #text, p{  
    color:#F9E03E  
}
```

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 #F9E03E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9E03E
}
```

## Border

The CSS property to change the border of an element to Hex F9E03E 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
#F9E03E }
```

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

```
.border{ border-color:#F9E03E }
```

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

Here you see how a box with a 4 pixel #F9E03E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9E03E; -webkit-box-shadow:4px 4px  
4px 4px #F9E03E; box-shadow:4px 4px 4px  
4px #F9E03E }
```

# Background

The CSS property to change the background color of an element to Hex F9E03E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9E03E }
```

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

```
.background{ background-color:#F9E03E }
```

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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