

# Converting Colors

Hex(F9C206)

Have a look what the booklet for  
Hex(F9C206) contains.

<b>Hex(F9C206)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F9C206)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9C206
RGB	249, 194, 6
RGB Percent	98%, 76%, 2%
CMY	0.0235, 0.2392, 0.9765
CMYK	0.00, 0.22, 0.98, 0.02
HSL	46°, 95%, 50%
HSV	46°, 98%, 98%
XYZ	58.3916, 58.7365, 8.4320
YIQ	189.0130, 93.1280, -46.8080

# Conversions

## Conversions Part 2

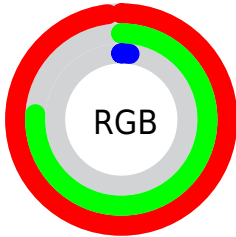
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	77, 249, 6
Decimal	16368134
CIE Lab	81.15, 6.32, 82.25
CIE LCh	81, 82.488, 85.609
Yxy	58.7365, 0.4650, 0.4678
Android (android.graphics.Color)	4294558214 (0xFF9C206)
YUV	189.0130, -90.2254, 52.6086
Hunter-Lab	76.6397, 1.8791, 47.1246

# Details

The Hex color **F9C206** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **063DF9**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFA56**, and **BB8D00** is the 20% darker color. If you saturate the color by 10%, you get **F9C100**, and if you desaturate by 10%, it is **F9C81F**.

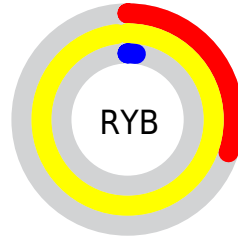
# Distribution



Red (98%)

Green (76%)

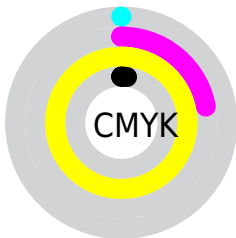
Blue (2%)



Red (30%)

Yellow (98%)

Blue (2%)

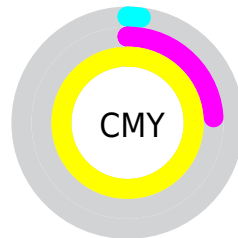


Cyan (0%)

Magenta (22%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (24%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9C206 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 F9C206 by changing the saturation by 10% instead.



 F9C206

 F9C206

FFFFFF

 DAA700

 FFFA56

 BB8D00

 FFFF74

 9D7400

 FFFF90

 7F5B00

 FFFFAD

 634400

 FFFFCB

 472E00

 FFFFEB

 2D1A00

 140000

 000000

 F9C206

 F9C206

 F9C100

 F9C81F

 F9CD38

 F9D351

 F9D96A

 F9DE83

 F9E49B

 F9E9B4

 F9EFCD

 F9F5E6

# Harmonies

## Analogous

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



FFA348



F9C206



AFD927

# Triad

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



F9C206



00EDFF



FF97FF

# Complementary

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



F9C206



063DF9

# 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.



B3BAFF



F9C206



00E7FF

# Square

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



F9C206



00EDBB



00D6FF



FF7DD8

# Rectangle

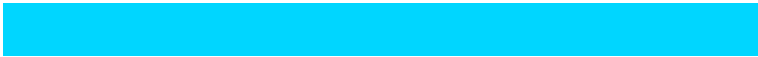
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9C206



6EE355



00D6FF



FFA2FF



# Sweetspot

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



F9C206



FFEEB5



F9063F



807553



000000



808080



# Same Dimension

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



F9C206



FFC500



B8F906



7D7A70



BD9200



3D2F00



# Inverse Universe

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



063DF9



003AFF



4706F9



70737D



002BBD



000E3D



# Previews

## White Background



This preview shows how the Hex color F9C206 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



This preview shows how the Hex color F9C206 looks on a 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 F9C206 Background



This preview shows how black text looks on a background with the Hex color F9C206.



This preview shows how white text looks on a background with the Hex color F9C206.

# 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**  
F9C206

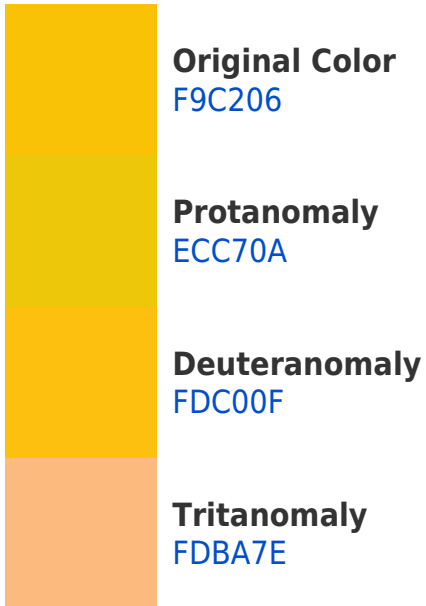
**Protanopia**  
E4CA0D

**Deuteranopia**  
FFBF14

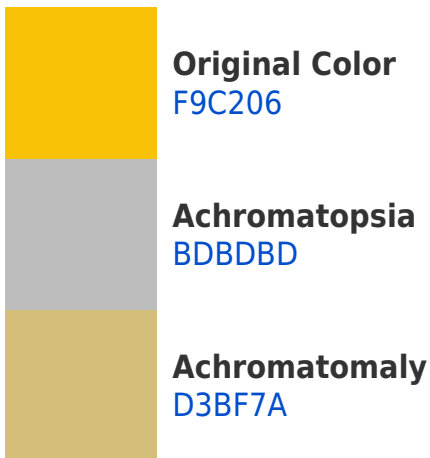


**Tritanopia**  
FFB6C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9C206 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 #F9C206 looks like.

```
.text, #text, p{  
    color:#F9C206  
}
```

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 #F9C206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9C206
}
```

## Border

The CSS property to change the border of an element to Hex F9C206 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
#F9C206 }
```

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

```
.border{ border-color:#F9C206 }
```

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

Here you see how a box with a 4 pixel #F9C206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9C206; -webkit-box-shadow:4px 4px  
4px 4px #F9C206; box-shadow:4px 4px 4px  
4px #F9C206 }
```

# Background

The CSS property to change the background color of an element to Hex F9C206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9C206 }
```

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

```
.background{ background-color:#F9C206 }
```

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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