

# Converting Colors

Hex(F5C114)

Have a look what the booklet for  
Hex(F5C114) contains.

<b>Hex(F5C114)</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(F5C114)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5C114
RGB	245, 193, 20
RGB Percent	96%, 76%, 8%
CMY	0.0392, 0.2431, 0.9216
CMYK	0.00, 0.21, 0.92, 0.04
HSL	46°, 92%, 52%
HSV	46°, 92%, 96%
XYZ	56.8524, 57.6029, 8.7838
YIQ	188.8260, 86.5250, -42.7790

# Conversions

## Conversions Part 2

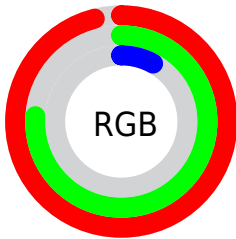
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 245, 20
Decimal	16105748
CIE <sub>Lab</sub>	80.52, 5.26, 79.99
CIE <sub>LCh</sub>	81, 80.164, 86.239
Yxy	57.6029, 0.4613, 0.4674
Android (android.graphics.Color)	4294295828 (0xFFFF5C114)
YUV	188.8260, -83.2312, 49.2646
Hunter-Lab	75.8966, 0.8913, 46.2657

# Details

The Hex color **F5C114** 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 **1448F5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF95A**, and **B78C00** is the 20% darker color. If you saturate the color by 10%, you get **F5BC00**, and if you desaturate by 10%, it is **F5C72D**.

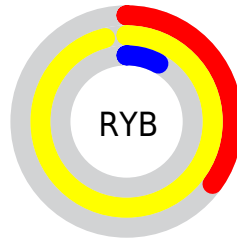
# Distribution



Red (96%)

Green (76%)

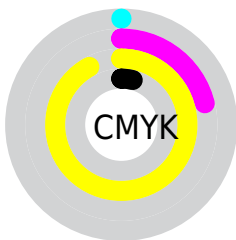
Blue (8%)



Red (35%)

Yellow (96%)

Blue (8%)

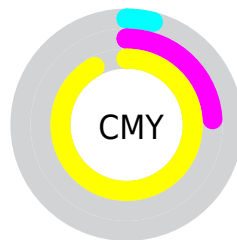


Cyan (0%)

Magenta (21%)

Yellow (92%)

Black (4%)



Cyan (4%)

Magenta (24%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5C114 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 F5C114 by changing the saturation by 10% instead.



 F5C114

 F5C114

FFFFFF

 D6A600

 FFF95A

 B78C00

 FFFF77

 9A7300

 FFFF94

 7C5A00

 FFFFB1

 5F4300

 FFFFCE

 442E00

 FFFFEB

 2B1900

 100000

 000000

 F5C114

 F5C114

 F5BC00

 F5C72D

 F5CC45

 F5D25E

 F5D876

 F5DD8F

 F5E3A7

 F5E9C0

 F5EED8

 F5F4F1

# Harmonies

## Analogous

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



FFA349



F5C114



ADD72E

# Triad

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



F5C114



00EAF7



FF96FF

# Complementary

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



F5C114



1448F5

# 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.



B5B8FF



F5C114



00E4FF

# Square

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



F5C114



00EABC



00D3FF



FF7ED5

# Rectangle

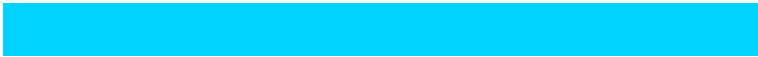
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5C114



6DE158



00D3FF



FFA1FF



# Sweetspot

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



F5C114



FFEEB8



F51449



807554



000000



808080



# Same Dimension

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



F5C114



FFC400



B9F514



7A786E



BA8F00



3B2D00



# Inverse Universe

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



1448F5



003BFF



5014F5



6E717A



002BBA



000E3B



# Previews

## White Background



This preview shows how the Hex color F5C114 looks on a white background.

## Color Contrast Check

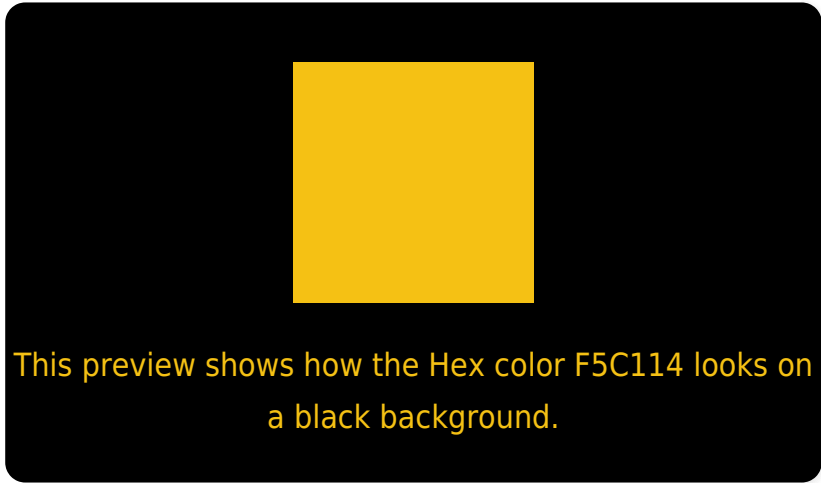
Large Text (above 18pt) WCAG AA × Fail

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 F5C114 Background



This preview shows how black text looks on a background with the Hex color F5C114.

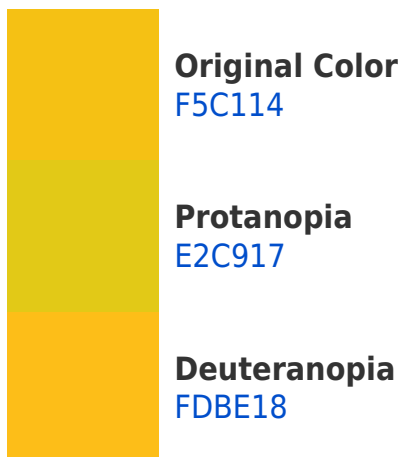


This preview shows how white text looks on a background with the Hex color F5C114.

# 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](#).

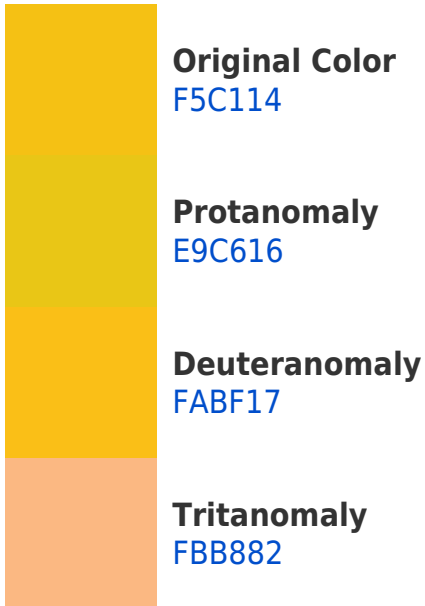
## Dichromacy



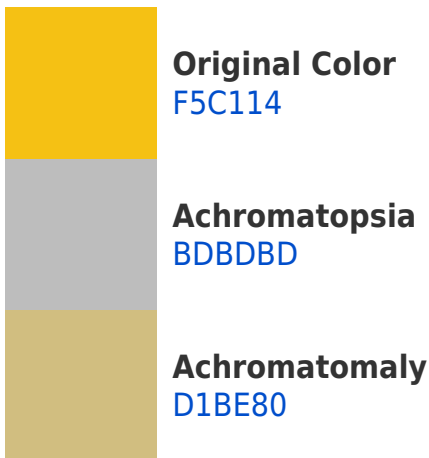


**Tritanopia**  
FFB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5C114 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 #F5C114 looks like.

```
.text, #text, p{  
    color:#F5C114  
}
```

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 #F5C114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5C114
}
```

## Border

The CSS property to change the border of an element to Hex F5C114 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
#F5C114 }
```

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

```
.border{ border-color:#F5C114 }
```

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

Here you see how a box with a 4 pixel #F5C114 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5C114; -webkit-box-shadow:4px 4px  
4px 4px #F5C114; box-shadow:4px 4px 4px  
4px #F5C114 }
```

# Background

The CSS property to change the background color of an element to Hex F5C114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5C114 }
```

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

```
.background{ background-color:#F5C114 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor