

# Converting Colors

Hex(F3D31C)

Have a look what the booklet for  
Hex(F3D31C) contains.

<b>Hex(F3D31C)</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(F3D31C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D31C
RGB	243, 211, 28
RGB Percent	95%, 83%, 11%
CMY	0.0471, 0.1725, 0.8902
CMYK	0.00, 0.13, 0.88, 0.05
HSL	51°, 90%, 53%
HSV	51°, 88%, 95%
XYZ	60.4660, 65.7271, 10.5983
YIQ	199.7060, 77.8150, -50.1290

# Conversions

## Conversions Part 2

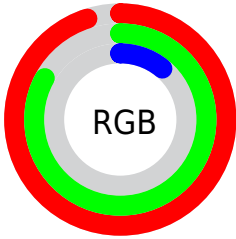
Format	Color
R <sub>Y</sub> B	66, 243, 28
Decimal	15979292
CIE Lab	84.86, -4.70, 81.89
CIE LCh	85, 82.026, 93.287
Yxy	65.7271, 0.4420, 0.4805
Android (android.graphics.Color)	4294169372 (0xFFFF3D31C)
YUV	199.7060, -84.6511, 37.9688
Hunter-Lab	81.0722, -8.7459, 48.9998

# Details

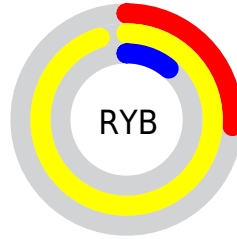
The Hex color **F3D31C** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **1C3CF3**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF61**, and **B69D00** is the 20% darker color. If you saturate the color by 10%, you get **F3CF04**, and if you desaturate by 10%, it is **F3D734**.

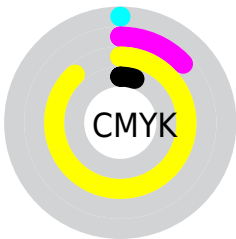
# Distribution



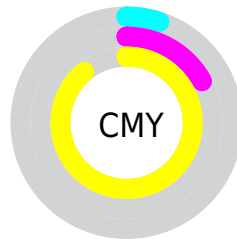
- Red (95%)
- Green (83%)
- Blue (11%)



- Red (26%)
- Yellow (95%)
- Blue (11%)



- Cyan (0%)
- Magenta (13%)
- Yellow (88%)
- Black (5%)



- Cyan (5%)
- Magenta (17%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3D31C 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 F3D31C by changing the saturation by 10% instead.



 F3D31C

 F3D31C

FFFFFF

 D4B800

 FFFF61

 B69D00

 FFFF7E

 988300

 FFFF9B

 7B6A00

 FFFFB8

 5F5200

 FFFFD5

 433C00

 FFFFF3

 2A2600

 0E1200

 000000

 F3D31C

 F3D31C

 F3CF04

 F3D734

 F3CF00

 F3DA4D

 F3DE65

 F3E17D

 F3E595

 F3E9AE

 F3ECC6

 F3F0DE

 F3F4F7

# Harmonies

## Analogous

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



FFB643



F3D31C



A4E845

# Triad

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



F3D31C



00F7FF



FF99FF

# Complementary

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



F3D31C



1C3CF3

# 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.



E0BCFF



F3D31C



00EEFF

# Square

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



F3D31C



00F8DA



00DAFF



FF88CF

# Rectangle

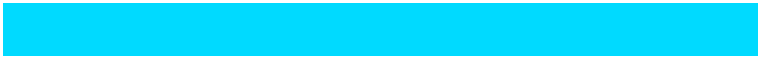
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3D31C



57F072



00DAFF



FFA4FF



# Sweetspot

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



F3D31C



FFF5BA



F31C3C



807957



000000



808080



# Same Dimension

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



F3D31C



FFD900



A8F31C



7A796E



BA9E00



3B3200



# Inverse Universe

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



1C3CF3



0026FF



671CF3



6E707A



001CBA



00093B



# Previews

## White Background



This preview shows how the Hex color F3D31C looks on a white background.

## Color Contrast Check

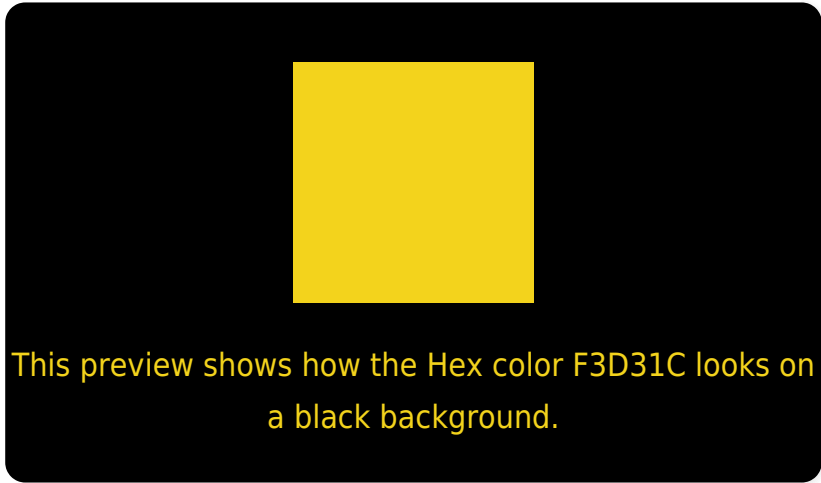
Large Text (above 18pt) WCAG AA × Fail

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 F3D31C Background



This preview shows how black text looks on a background with the Hex color F3D31C.



This preview shows how white text looks on a background with the Hex color F3D31C.

# 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**  
F3D31C

**Protanopia**  
EFD41C

**Deuteranopia**  
FFCC74



**Tritanopia**  
FFC4D3

# Trichromacy



**Original Color**  
F3D31C

**Protanomaly**  
F0D41C

**Deuteranomaly**  
FBCF54

**Tritanomaly**  
FBC990

# Monochromacy



**Original Color**  
F3D31C

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
D8CC89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3D31C 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 #F3D31C looks like.

```
.text, #text, p{  
    color:#F3D31C  
}
```

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 #F3D31C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3D31C
}
```

## Border

The CSS property to change the border of an element to Hex F3D31C 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
#F3D31C }
```

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

```
.border{ border-color:#F3D31C }
```

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

Here you see how a box with a 4 pixel #F3D31C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3D31C; -webkit-box-shadow:4px 4px  
4px 4px #F3D31C; box-shadow:4px 4px 4px  
4px #F3D31C }
```

# Background

The CSS property to change the background color of an element to Hex F3D31C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3D31C }
```

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

```
.background{ background-color:#F3D31C }
```

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