

Converting Colors

Hex(F1B01D)

Have a look what the booklet for
Hex(F1B01D) contains.

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Color

Hex(F1B01D)

Conversions

Conversions Part 1

Format	Color
Hex	F1B01D
RGB	241, 176, 29
RGB Percent	95%, 69%, 11%
CMY	0.0549, 0.3098, 0.8863
CMYK	0.00, 0.27, 0.88, 0.05
HSL	42°, 88%, 53%
HSV	42°, 88%, 95%
XYZ	52.0227, 49.8401, 8.0406
YIQ	178.6770, 85.9270, -31.9370

Conversions

Conversions Part 2

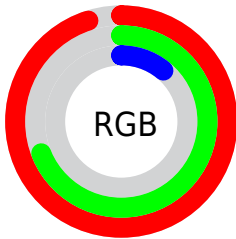
Format	Color
RYB	123, 241, 29
Decimal	15839261
CIELab	75.97, 12.57, 74.66
CIELCh	76, 75.713, 80.442
Yxy	49.8401, 0.4733, 0.4535
Android (android.graphics.Color)	4294029341 (0xFFFF1B01D)
YUV	178.6770, -73.7908, 54.6573
Hunter-Lab	70.5976, 7.9894, 42.6655

Details

The Hex color **F1B01D** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **1D5EF1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE75C**, and **B37C00** is the 20% darker color. If you saturate the color by 10%, you get **F1A905**, and if you desaturate by 10%, it is **F1B735**.

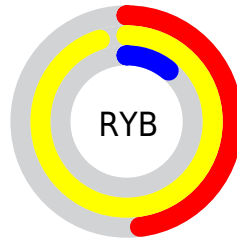
Distribution



Red (95%)

Green (69%)

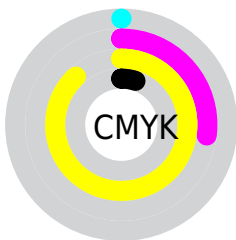
Blue (11%)



Red (48%)

Yellow (95%)

Blue (11%)

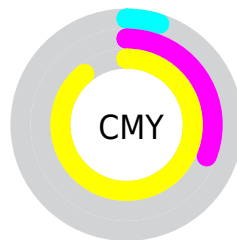


Cyan (0%)

Magenta (27%)

Yellow (88%)

Black (5%)



Cyan (5%)

Magenta (31%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color F1B01D 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 F1B01D by changing the saturation by 10% instead.

 F1B01D

 F1B01D

FFFFFF

 D29500

 FFE75C

 B37C00

 FFFF78

 966300

 FFFF94

 784B00

 FFFFB1

 5B3500

 FFFFCD

 402000

 FFFFEB

 270B00

 000000

 F1B01D

 F1B01D

 F1A905

 F1B735

 F1A700

 F1BF4D

 F1C665

 F1CE7D

 F1D595

 F1DCAE

 F1E4C6

 F1EBDE

 F1F3F6

Harmonies

Analogous

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



FF9350



F1B01D



B0C623

Triad

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



F1B01D



00DCEA



FA93FF

Complementary

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



F1B01D



1D5EF1

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.



8FB2FF



F1B01D



00D7FF

Square

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



F1B01D



00DBA2



00CAFF



FF7AD5

Rectangle

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



F1B01D



7BD048



00CAFF



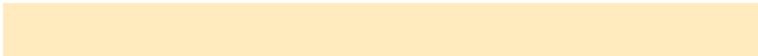
DE9EFF

Sweetspot

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



F1B01D



FFE8BD



F11D60



807358



000000



808080

Same Dimension

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



F1B01D



FFB100



CAF11D



78746C



B87F00



382700

Inverse Universe

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



1D5EF1



004EFF



441DF1



6C7078



0038B8



001138

Previews

White Background



This preview shows how the Hex color F1B01D looks on a white background.

Color Contrast Check

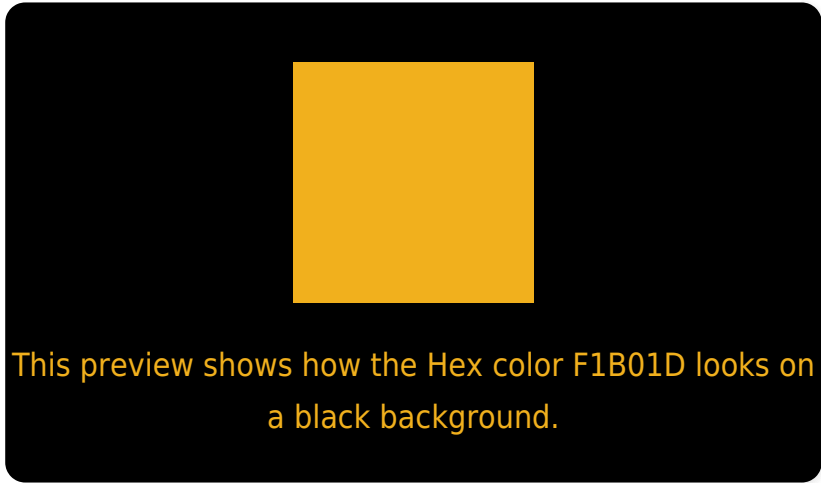
Large Text (above 18pt) WCAG AA × Fail

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 F1B01D Background



This preview shows how black text looks on a background with the Hex color F1B01D.



This preview shows how white text looks on a background with the Hex color F1B01D.

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
F1B01D

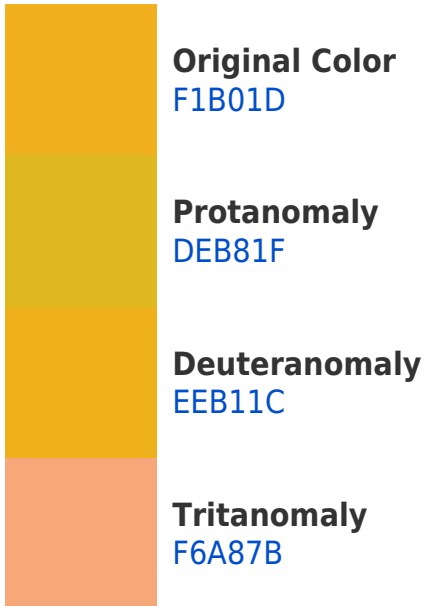
Protanopia
D3BC20

Deuteranopia
EDB21B



Tritanopia
F9A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F1B01D 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 #F1B01D looks like.

```
.text, #text, p{  
    color:#F1B01D  
}
```

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 #F1B01D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1B01D
}
```

Border

The CSS property to change the border of an element to Hex F1B01D 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
#F1B01D }
```

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

```
.border{ border-color:#F1B01D }
```

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

Here you see how a box with a 4 pixel #F1B01D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1B01D; -webkit-box-shadow:4px 4px  
4px 4px #F1B01D; box-shadow:4px 4px 4px  
4px #F1B01D }
```

Background

The CSS property to change the background color of an element to Hex F1B01D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1B01D }
```

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

```
.background{ background-color:#F1B01D }
```

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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