

Converting Colors

Hex(F3B11A)

Have a look what the booklet for
Hex(F3B11A) contains.

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Color

Hex(F3B11A)

Conversions

Conversions Part 1

Format	Color
Hex	F3B11A
RGB	243, 177, 26
RGB Percent	95%, 69%, 10%
CMY	0.0471, 0.3059, 0.8980
CMYK	0.00, 0.27, 0.89, 0.05
HSL	42°, 90%, 53%
HSV	42°, 89%, 95%
XYZ	52.8707, 50.5735, 7.9524
YIQ	179.5200, 87.8070, -32.9690

Conversions

Conversions Part 2

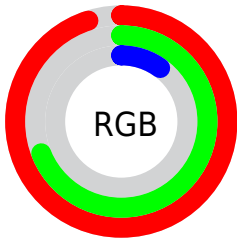
Format	Color
RYB	121, 243, 26
Decimal	15970586
CIELab	76.42, 12.85, 75.74
CIElCh	76, 76.826, 80.374
Yxy	50.5735, 0.4746, 0.4540
Android (android.graphics.Color)	4294160666 (0xFFFF3B11A)
YUV	179.5200, -75.6854, 55.6720
Hunter-Lab	71.1151, 8.2550, 43.1505

Details

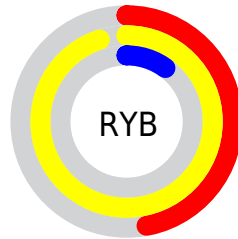
The Hex color **F3B11A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **1A5CF3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE85A**, and **B57D00** is the 20% darker color. If you saturate the color by 10%, you get **F3AA02**, and if you desaturate by 10%, it is **F3B832**.

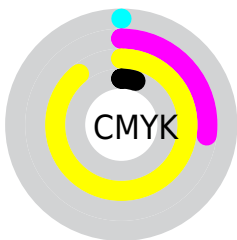
Distribution



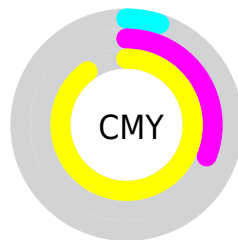
- Red (95%)
- Green (69%)
- Blue (10%)



- Red (47%)
- Yellow (95%)
- Blue (10%)



- Cyan (0%)
- Magenta (27%)
- Yellow (89%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3B11A 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 F3B11A by changing the saturation by 10% instead.

 F3B11A

 F3B11A

FFFFFF

 D49600

 FFE85A

 B57D00

 FFFF77

 976400

 FFFF93

 7A4C00

 FFFFAF

 5D3600

 FFFFCC

 422000

 FFFFEA

 280C00

 000000

 F3B11A

 F3B11A

 F3AA02

 F3B832

 F3A900

 F3C04B

 F3C763

 F3CF7B

 F3D693

 F3DDAC

 F3E5C4

 F3ECDC

 F3F4F5

Harmonies

Analogous

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



FF9450



F3B11A



B1C720

Triad

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



F3B11A



00DEEC



FB94FF

Complementary

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



F3B11A



1A5CF3

Split Complementary

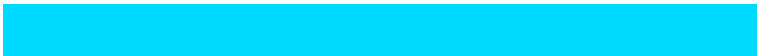
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8FB3FF



F3B11A



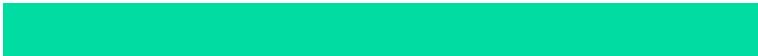
00D9FF

Square

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



F3B11A



00DCA2



00CBFF



FF79D7

Rectangle

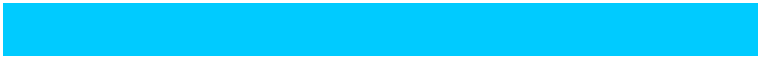
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3B11A



7BD247



00CBFF



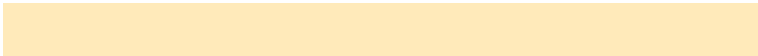
DF9EFF

Sweetspot

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



F3B11A



FFEABA



F31A5F



807357



000000



808080

Same Dimension

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



F3B11A



FFB100



CBF31A



7A776E



BA8200



3B2900

Inverse Universe

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



1A5CF3



004EFF



421AF3



6E727A



0039BA



00123B

Previews

White Background



This preview shows how the Hex color F3B11A looks on a white background.

Color Contrast Check

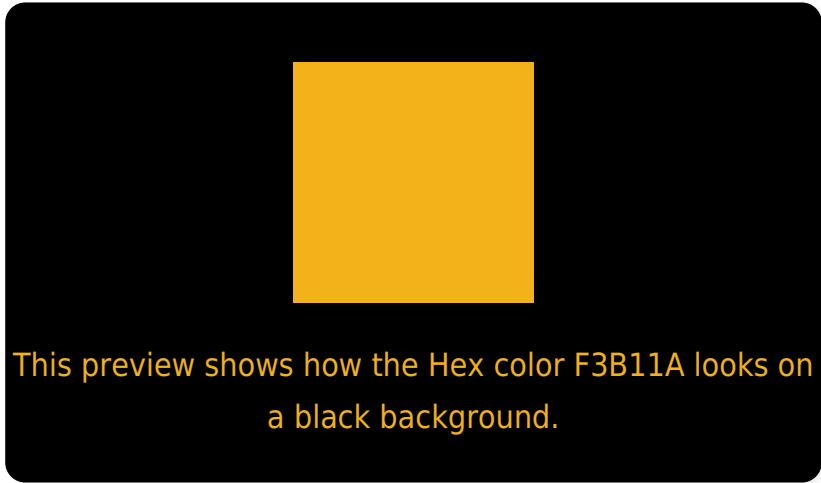
Large Text (above 18pt) WCAG AA × Fail

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 F3B11A Background



This preview shows how black text looks on a background with the Hex color F3B11A.



This preview shows how white text looks on a background with the Hex color F3B11A.

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

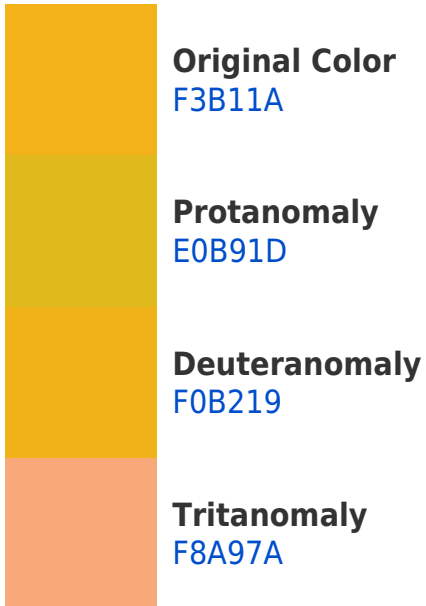


Original Color
F3B11A

Protanopia
D5BD1E

Deuteranopia
EFB318

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3B11A 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 #F3B11A looks like.

```
.text, #text, p{  
    color:#F3B11A  
}
```

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 #F3B11A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3B11A
}
```

Border

The CSS property to change the border of an element to Hex F3B11A 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
#F3B11A }
```

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

```
.border{ border-color:#F3B11A }
```

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

Here you see how a box with a 4 pixel #F3B11A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3B11A; -webkit-box-shadow:4px 4px  
4px 4px #F3B11A; box-shadow:4px 4px 4px  
4px #F3B11A }
```

Background

The CSS property to change the background color of an element to Hex F3B11A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3B11A }
```

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

```
.background{ background-color:#F3B11A }
```

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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