

Converting Colors

Hex(F5B11E)

Have a look what the booklet for
Hex(F5B11E) contains.

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Color

Hex(F5B11E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5B11E |
| RGB | 245, 177, 30 |
| RGB Percent | 96%, 69%, 12% |
| CMY | 0.0392, 0.3059, 0.8824 |
| CMYK | 0.00, 0.28, 0.88, 0.04 |
| HSL | 41°, 91%, 54% |
| HSV | 41°, 88%, 96% |
| XYZ | 53.6127, 50.9505, 8.2370 |
| YIQ | 180.5740, 87.7150, -31.3010 |

Conversions

Conversions Part 2

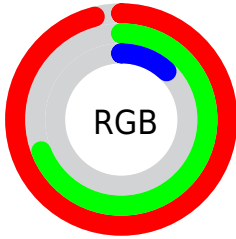
| Format | Color |
|--|--|
| RYB | 129, 245, 30 |
| Decimal | 16101662 |
| CIELab | 76.65, 13.77, 75.15 |
| CIElCh | 77, 76.405, 79.614 |
| Yxy | 50.9505, 0.4753, 0.4517 |
| Android (android.graphics.Color) | 4294291742 (0xFFFF5B11E) |
| YUV | 180.5740, -74.2330, 56.5016 |
| Hunter-Lab | 71.3796, 9.1556, 43.1238 |

Details

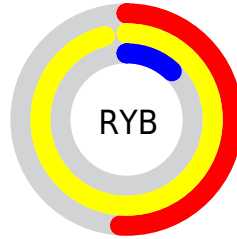
The Hex color **F5B11E** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **1E62F5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE85D**, and **B77D00** is the 20% darker color. If you saturate the color by 10%, you get **F5A906**, and if you desaturate by 10%, it is **F5B937**.

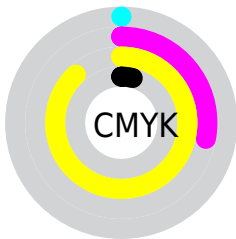
Distribution



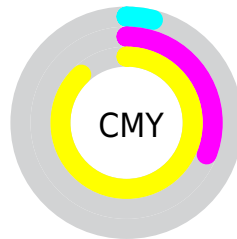
- Red (96%)
- Green (69%)
- Blue (12%)



- Red (51%)
- Yellow (96%)
- Blue (12%)



- Cyan (0%)
- Magenta (28%)
- Yellow (88%)
- Black (4%)



- Cyan (4%)
- Magenta (31%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5B11E 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 F5B11E by changing the saturation by 10% instead.

 F5B11E

 F5B11E

FFFFFF

 D69600

 FFE85D

 B77D00

 FFFF79

 996400

 FFFF95

 7C4C00

 FFFFB2

 5F3600

 FFFFCE

 432000

 FFFFEC

 2A0C00

 000000

 F5B11E

 F5B11E

 F5A906

 F5B937

 F5A800

 F5C04F

 F5C867

 F5D080

 F5D899

 F5DFB1

 F5E7CA

 F5EFE2

 F5F7FB

Harmonies

Analogous

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



FF9452



F5B11E



B4C821

Triad

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



F5B11E



00DEEB



FA95FF

Complementary

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



F5B11E



1E62F5

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.



8CB5FF



F5B11E



00DAFF

Square

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



F5B11E



00DDA1



00CCFF



FF7BD9

Rectangle

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



F5B11E



7ED246



00CCFF



DDA0FF

Sweetspot

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



F5B11E



FFEABD



F51E62



807358



000000



808080

Same Dimension

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



F5B11E



FFAE00



CEF51E



7A776E



BA7F00



3B2800

Inverse Universe

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



1E62F5



0051FF



451EF5



6E727A



003BBA



00133B

Previews

White Background



This preview shows how the Hex color F5B11E looks on a white background.

Color Contrast Check

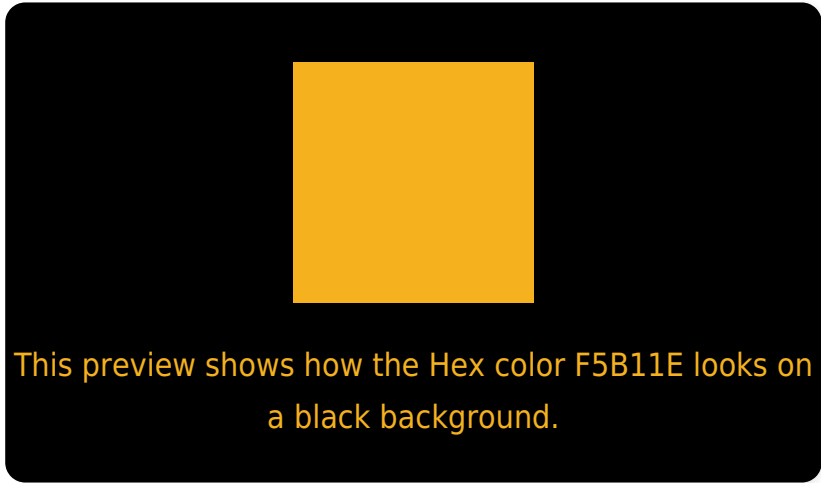
Large Text (above 18pt) WCAG AA × Fail

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 F5B11E Background



This preview shows how black text looks on a background with the Hex color F5B11E.



This preview shows how white text looks on a background with the Hex color F5B11E.

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

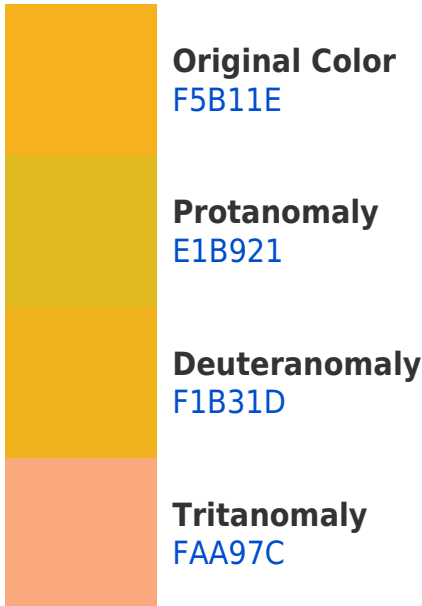


Original Color
F5B11E

Protanopia
D5BE22

Deuteranopia
EFB41C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F5B11E 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 #F5B11E looks like.

```
.text, #text, p{  
    color:#F5B11E  
}
```

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 #F5B11E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5B11E
}
```

Border

The CSS property to change the border of an element to Hex F5B11E 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
#F5B11E }
```

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

```
.border{ border-color:#F5B11E }
```

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

Here you see how a box with a 4 pixel #F5B11E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5B11E; -webkit-box-shadow:4px 4px  
4px 4px #F5B11E; box-shadow:4px 4px 4px  
4px #F5B11E }
```

Background

The CSS property to change the background color of an element to Hex F5B11E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5B11E }
```

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

```
.background{ background-color:#F5B11E }
```

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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