

Converting Colors

Hex(F0A31B)

Have a look what the booklet for
Hex(F0A31B) contains.

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Color

Hex(F0A31B)

Conversions

Conversions Part 1

Format	Color
Hex	F0A31B
RGB	240, 163, 27
RGB Percent	94%, 64%, 11%
CMY	0.0588, 0.3608, 0.8941
CMYK	0.00, 0.32, 0.89, 0.06
HSL	38°, 88%, 52%
HSV	38°, 89%, 94%
XYZ	49.2302, 44.7988, 7.0892
YIQ	170.5190, 89.5480, -25.9720

Conversions

Conversions Part 2

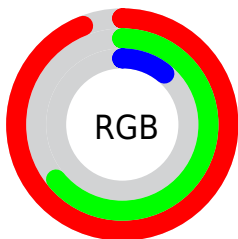
Format	Color
R_{YB}	148, 240, 27
Decimal	15770395
CIE _{Lab}	72.76, 18.96, 72.57
CIE _{LCh}	73, 75.010, 75.357
Yxy	44.7988, 0.4869, 0.4430
Android (android.graphics.Color)	4293960475 (0xFFFF0A31B)
YUV	170.5190, -70.7549, 60.9348
Hunter-Lab	66.9319, 14.1607, 40.5725

Details

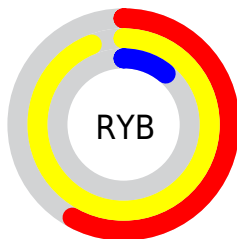
The Hex color **F0A31B** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1B68F0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDA59**, and **B26F00** is the 20% darker color. If you saturate the color by 10%, you get **F09A03**, and if you desaturate by 10%, it is **F0AC33**.

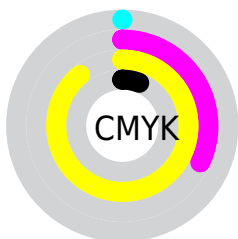
Distribution



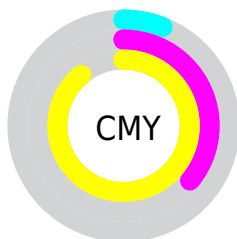
- Red (94%)
- Green (64%)
- Blue (11%)



- Red (58%)
- Yellow (94%)
- Blue (11%)



- Cyan (0%)
- Magenta (32%)
- Yellow (89%)
- Black (6%)



- Cyan (6%)
- Magenta (36%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0A31B 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 F0A31B by changing the saturation by 10% instead.

 F0A31B

 F0A31B

FFFFFF

 D18900

 FFDA59

 B26F00

 FFF675

 945700

 FFFF91

 764000

 FFFFAD

 5A2900

 FFFFC9

 3E1400

 FFFF E6

 260000

 000000

 F0A31B

 F0A31B

 F09A03

 F0AC33

 F09900

 F0B44B

 F0BD63

 F0C67B

 F0CE93

 F0D7AB

 F0E0C3

 F0E8DB

 F0F1F3

Harmonies

Analogous

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



FF8653



F0A31B



B3BA0E

Triad

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



F0A31B



00D3D5



E290FF

Complementary

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



F0A31B



1B68F0

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.



69AEFF



F0A31B



00CFFF

Square

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



F0A31B



00D18D



00C4FF



FF74D7

Rectangle

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



F0A31B



81C536



00C4FF



C49BFF

Sweetspot

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



F0A31B



FFE6BA



F01B69



807157



000000



808080

Same Dimension

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



F0A31B



FFA300



D4F01B



78746C



B87500



382400

Inverse Universe

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



1B68F0



005CFF



371BF0



6C7078



0042B8



001438

Previews

White Background



This preview shows how the Hex color F0A31B looks on a white background.

Color Contrast Check

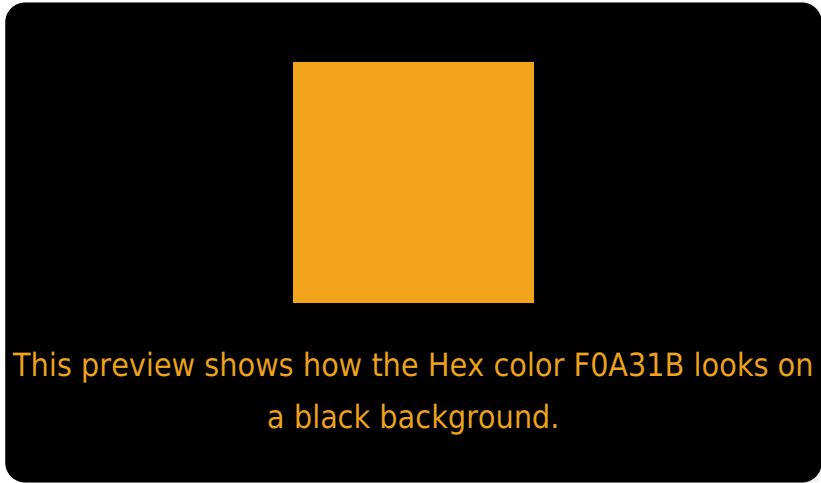
Large Text (above 18pt) WCAG AA × Fail

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 F0A31B Background



This preview shows how black text looks on a background with the Hex color F0A31B.



This preview shows how white text looks on a background with the Hex color F0A31B.

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
F0A31B

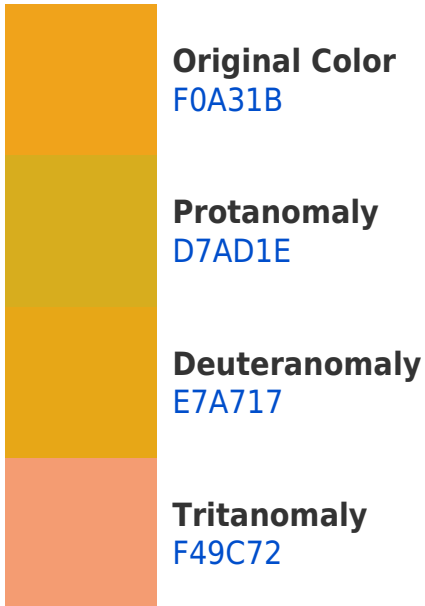
Protanopia
C9B320

Deuteranopia
E2AA15

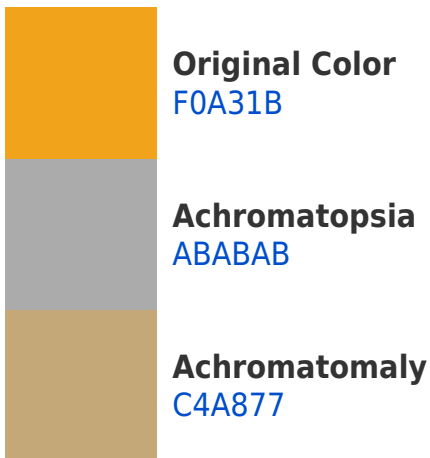


Tritanopia
F798A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0A31B 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 #F0A31B looks like.

```
.text, #text, p{  
    color:#F0A31B  
}
```

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 #F0A31B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A31B
}
```

Border

The CSS property to change the border of an element to Hex F0A31B 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
#F0A31B }
```

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

```
.border{ border-color:#F0A31B }
```

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

Here you see how a box with a 4 pixel #F0A31B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A31B; -webkit-box-shadow:4px 4px  
4px 4px #F0A31B; box-shadow:4px 4px 4px  
4px #F0A31B }
```

Background

The CSS property to change the background color of an element to Hex F0A31B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A31B }
```

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

```
.background{ background-color:#F0A31B }
```

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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