

Converting Colors

Hex(FAB01B)

Have a look what the booklet for
Hex(FAB01B) contains.

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Color

Hex(FAB01B)

Conversions

Conversions Part 1

Format	Color
Hex	FAB01B
RGB	250, 176, 27
RGB Percent	98%, 69%, 11%
CMY	0.0196, 0.3098, 0.8941
CMYK	0.00, 0.30, 0.89, 0.02
HSL	40°, 96%, 54%
HSV	40°, 89%, 98%
XYZ	55.1475, 51.4538, 8.0619
YIQ	181.1400, 91.9330, -30.6510

Conversions

Conversions Part 2

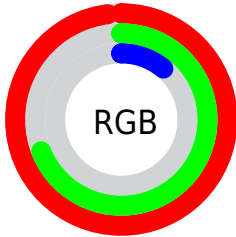
Format	Color
RYB	138, 250, 27
Decimal	16429083
CIELab	76.95, 16.37, 76.28
CIElCh	77, 78.018, 77.889
Yxy	51.4538, 0.4810, 0.4487
Android (android.graphics.Color)	4294619163 (0xFFFFAB01B)
YUV	181.1400, -75.9910, 60.3902
Hunter-Lab	71.7313, 11.7022, 43.5483

Details

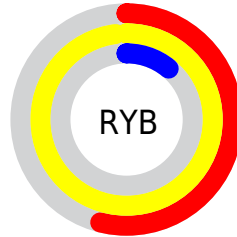
The Hex color **FAB01B** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **1B65FA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE75B**, and **BC7C00** is the 20% darker color. If you saturate the color by 10%, you get **FAA802**, and if you desaturate by 10%, it is **FAB834**.

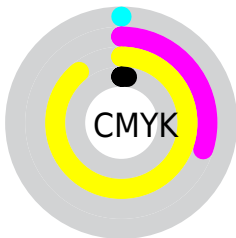
Distribution



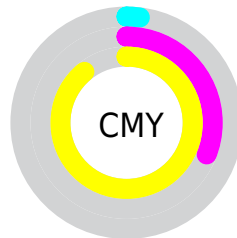
- Red (98%)
- Green (69%)
- Blue (11%)



- Red (54%)
- Yellow (98%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (89%)
- Black (2%)



- Cyan (2%)
- Magenta (31%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color FAB01B 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 FAB01B by changing the saturation by 10% instead.

 FAB01B

 FAB01B

FFFFFF

 DB9500

 FFE75B

 BC7C00

 FFFF77

 9E6300

 FFFF94

 804B00

 FFFFB0

 633400

 FFFFCD

 471F00

 FFFFEA

 2D0A00

 080000

 000000

 FAB01B

 FAB01B

 FAA802

 FAB834

 FAA700

 FAC14D

 FAC966

 FAD17F

 FAD998

 FAE2B1

 FAEACA

 FAF2E3

 FAFBFC

Harmonies

Analogous

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



FF9254



FAB01B



B9C818

Triad

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



FAB01B



00E0E8



F797FF

Complementary

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



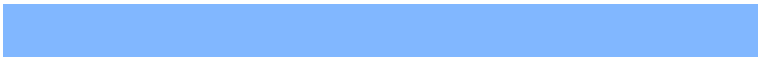
FAB01B



1B65FA

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.



81B7FF



FAB01B



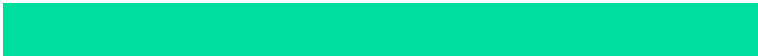
00DCFF

Square

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



FAB01B



00DE9D



00CFFF



FF7BDE

Rectangle

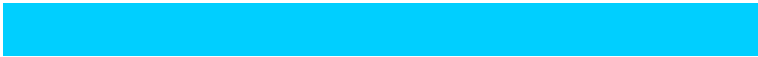
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FAB01B



83D240



00CFFF



D9A2FF

Sweetspot

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



FAB01B



FFE8BA



FA1B65



807257



000000



808080

Same Dimension

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



FAB01B



FFAA00



D5FA1B



7D7970



BD7E00



3D2900

Inverse Universe

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



1B65FA



0055FF



401BFA



70757D



003FBD



00143D

Previews

White Background



This preview shows how the Hex color FAB01B looks on a white background.

Color Contrast Check

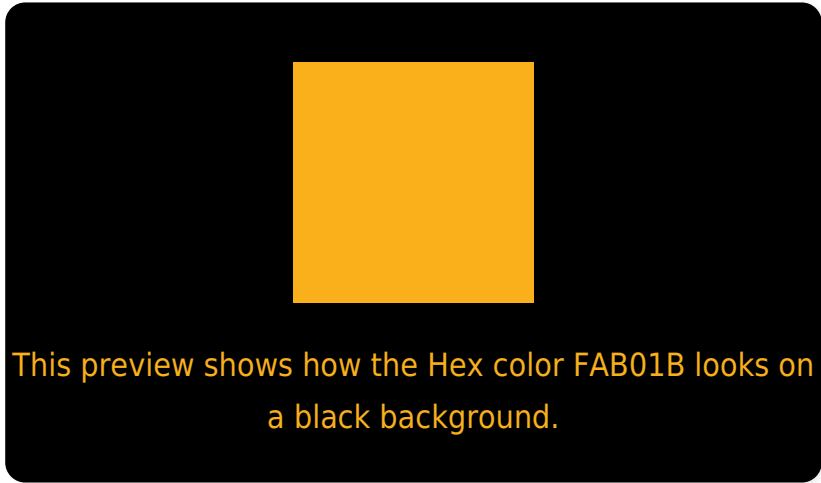
Large Text (above 18pt) WCAG AA × Fail

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 FAB01B Background



This preview shows how black text looks on a background with the Hex color FAB01B.



This preview shows how white text looks on a background with the Hex color FAB01B.

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
FAB01B

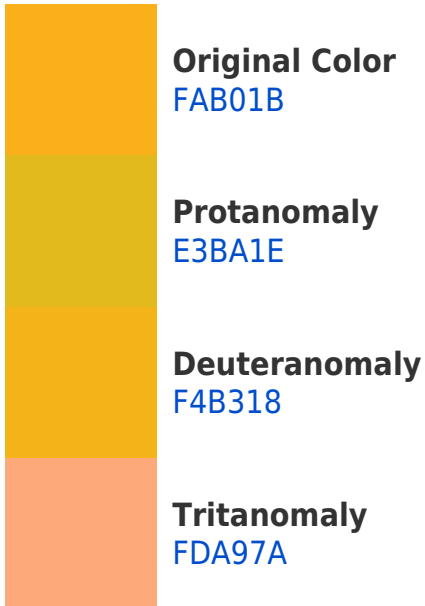
Protanopia
D6BF1F

Deuteranopia
F0B417



Tritanopia
FFA5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FAB01B 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 #FAB01B looks like.

```
.text, #text, p{  
    color:#FAB01B  
}
```

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 #FAB01B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAB01B
}
```

Border

The CSS property to change the border of an element to Hex FAB01B 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
#FAB01B }
```

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

```
.border{ border-color:#FAB01B }
```

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

Here you see how a box with a 4 pixel #FAB01B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAB01B; -webkit-box-shadow:4px 4px  
4px 4px #FAB01B; box-shadow:4px 4px 4px  
4px #FAB01B }
```

Background

The CSS property to change the background color of an element to Hex FAB01B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAB01B }
```

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

```
.background{ background-color:#FAB01B }
```

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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