

Converting Colors

Hex(FAB500)

Have a look what the booklet for
Hex(FAB500) contains.

Hex(FAB500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(FAB500)

Conversions

Conversions Part 1

Format	Color
Hex	FAB500
RGB	250, 181, 0
RGB Percent	98%, 71%, 0%
CMY	0.0196, 0.2902, 1.0000
CMYK	0.00, 0.28, 1.00, 0.02
HSL	43°, 100%, 49%
HSV	43°, 100%, 98%
XYZ	55.9482, 53.3717, 7.3530
YIQ	180.9970, 99.2250, -41.6630

Conversions

Conversions Part 2

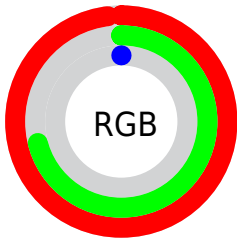
Format	Color
R _Y B	95, 250, 0
Decimal	16430336
CIE Lab	78.09, 13.46, 80.79
CIE LCh	78, 81.900, 80.541
Yxy	53.3717, 0.4795, 0.4574
Android (android.graphics.Color)	4294620416 (0xFFFA500)
YUV	180.9970, -89.2315, 60.5156
Hunter-Lab	73.0560, 8.8521, 45.1717

Details

The Hex color **FAB500** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **0045FA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFED52**, and **BC8100** is the 20% darker color. If you saturate the color by 10%, you get **FAB500**, and if you desaturate by 10%, it is **FABC19**.

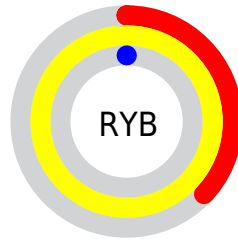
Distribution



Red (98%)

Green (71%)

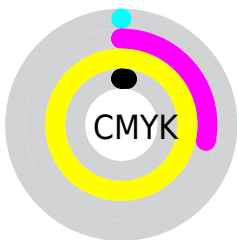
Blue (0%)



Red (37%)

Yellow (98%)

Blue (0%)

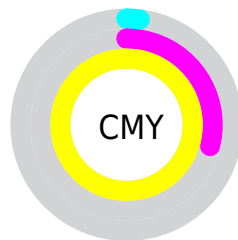


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FAB500 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 FAB500 by changing the saturation by 10% instead.

 FAB500

 FAB500

FFFFFF

 DB9A00

 FFED52

 BC8100

 FFFF6F

 9D6800

 FFFF8C

 7F5000

 FFFFA9

 623900

 FFFFC6

 472300

 FFFF E3

 2D0F00

 0D0000

 000000

 FAB500

 FABC19

 FAC332

 FACA4B

 FAD164

 FAD87D

 FADE96

 FAE5AF

 FAECC8

 FAF3E1

Harmonies

Analogous

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



FF954B



FAB500



B4CD0C

Triad

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



FAB500



00E4F4



FF94FF

Complementary

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



FAB500



0045FA

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.



8FB7FF



FAB500



00DFFF

Square

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



FAB500



00E3A6



00D1FF



FF77DD

Rectangle

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



FAB500



79D841



00D1FF



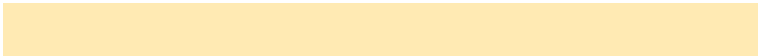
E6A0FF

Sweetspot

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



FAB500



FFEAB3



FA0047



807352



000000



808080

Same Dimension

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



FAB500



FFB900



C4FA00



7D7A70



BD8900



3D2C00

Inverse Universe

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



0045FA



0046FF



3600FA



70747D



0034BD



00113D

Previews

White Background



This preview shows how the Hex color FAB500 looks on a white background.

Color Contrast Check

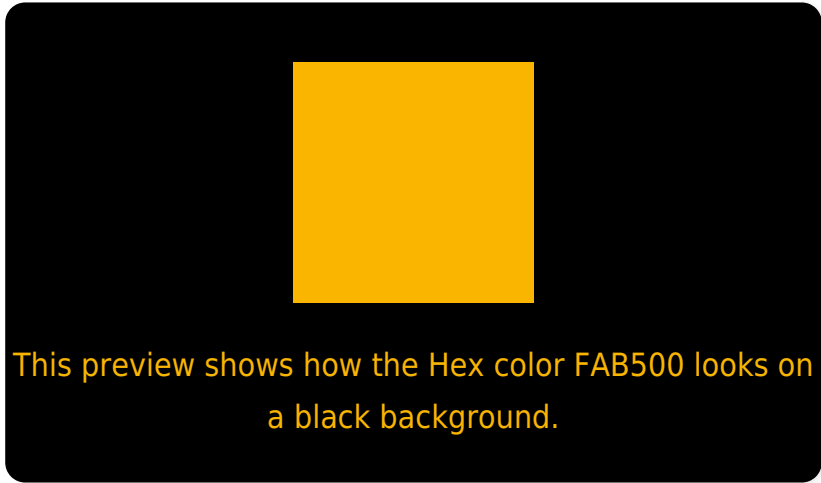
Large Text (above 18pt) WCAG AA × Fail

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 FAB500 Background



This preview shows how black text looks on a background with the Hex color FAB500.

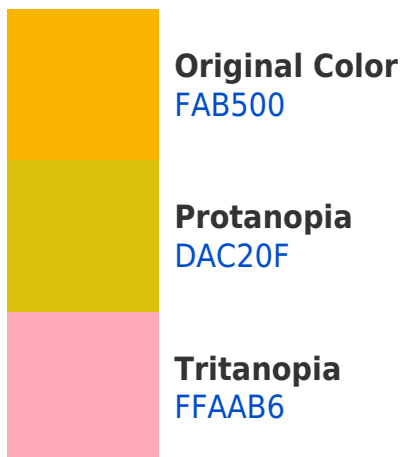


This preview shows how white text looks on a background with the Hex color FAB500.

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



Trichromacy



Original Color
FAB500

Protanomaly
E6BD0A

Tritanomaly
FDAE74

Monochromacy



Original Color
FAB500

Achromatopsia
B5B5B5

Achromatomaly
CEB573

CSS Examples

Text

The CSS property to change the color of the text to Hex FAB500 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 #FAB500 looks like.

```
.text, #text, p{  
    color:#FAB500  
}
```

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 #FAB500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAB500
}
```

Border

The CSS property to change the border of an element to Hex FAB500 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
#FAB500 }
```

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

```
.border{ border-color:#FAB500 }
```

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

Here you see how a box with a 4 pixel #FAB500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAB500; -webkit-box-shadow:4px 4px  
4px 4px #FAB500; box-shadow:4px 4px 4px  
4px #FAB500 }
```

Background

The CSS property to change the background color of an element to Hex FAB500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAB500 }
```

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

```
.background{ background-color:#FAB500 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor