

Converting Colors

Hex(F4B003)

Have a look what the booklet for
Hex(F4B003) contains.

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Color

Hex(F4B003)

Conversions

Conversions Part 1

Format	Color
Hex	F4B003
RGB	244, 176, 3
RGB Percent	96%, 69%, 1%
CMY	0.0431, 0.3098, 0.9882
CMYK	0.00, 0.28, 0.99, 0.04
HSL	43°, 98%, 48%
HSV	43°, 99%, 96%
XYZ	52.8500, 50.2903, 7.0077
YIQ	176.6100, 96.0610, -39.3870

Conversions

Conversions Part 2

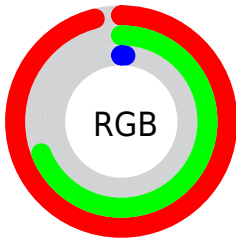
Format	Color
R_{YB}	98, 244, 3
Decimal	16035843
CIE _{Lab}	76.25, 13.54, 78.90
CIE _{LCh}	76, 80.050, 80.263
Yxy	50.2903, 0.4798, 0.4566
Android (android.graphics.Color)	4294225923 (0xFFFF4B003)
YUV	176.6100, -85.5897, 59.1010
Hunter-Lab	70.9157, 8.9249, 43.7821

Details

The Hex color **F4B003** 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 **0347F4**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE752**, and **B67C00** is the 20% darker color. If you saturate the color by 10%, you get **F4AF00**, and if you desaturate by 10%, it is **F4B71B**.

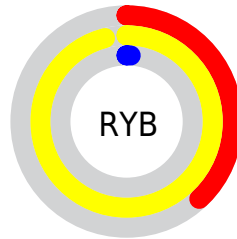
Distribution



Red (96%)

Green (69%)

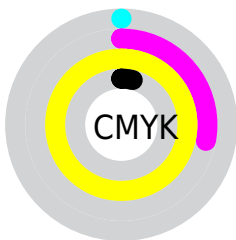
Blue (1%)



Red (38%)

Yellow (96%)

Blue (1%)

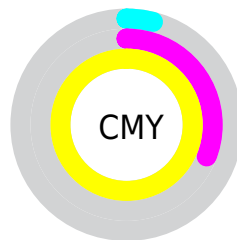


Cyan (0%)

Magenta (28%)

Yellow (99%)

Black (4%)



Cyan (4%)

Magenta (31%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4B003 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 F4B003 by changing the saturation by 10% instead.

 F4B003

 F4B003

FFFFFF

 D59500

 FFE752

 B67C00

 FFFF6F

 986300

 FFFF8B

 7A4B00

 FFFFA8

 5D3500

 FFFFC5

 422000

 FFFF E2

 280B00

 000000

 F4B003

 F4B003

 F4AF00

 F4B71B

 F4BE34

 F4C54C

 F4CC65

 F4D27D

 F4D995

 F4E0AE

 F4E7C6

 F4EEDF

Harmonies

Analogous

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



FF914A



F4B003



B0C70D

Triad

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



F4B003



00DEED



FD91FF

Complementary

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



F4B003



0347F4

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.



89B3FF



F4B003



00DAFF

Square

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



F4B003



00DDA1



00CCFF



FF74D7

Rectangle

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



F4B003



76D23F



00CCFF



DF9DFF

Sweetspot

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



F4B003



FFE9B3



F40347



807352



000000



808080

Same Dimension

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



F4B003



FFB700



C0F403



7A776E



BA8600



3B2A00

Inverse Universe

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



0347F4



0048FF



3703F4



6E727A



0035BA



00113B

Previews

White Background



This preview shows how the Hex color F4B003 looks on a white background.

Color Contrast Check

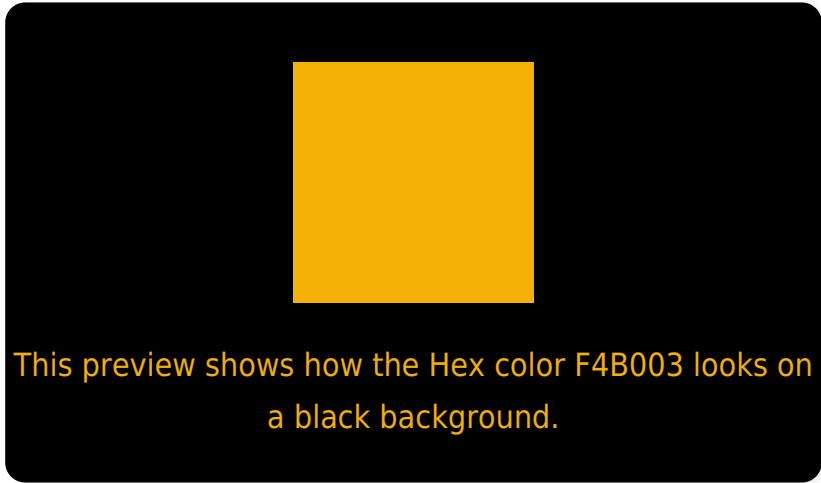
Large Text (above 18pt) WCAG AA × Fail

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 F4B003 Background



This preview shows how black text looks on a background with the Hex color F4B003.



This preview shows how white text looks on a background with the Hex color F4B003.

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
F4B003

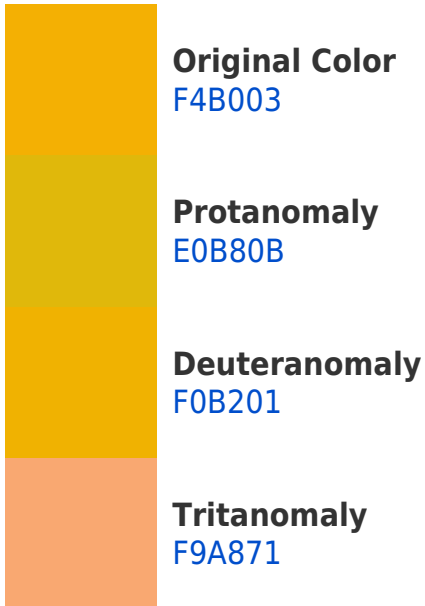
Protanopia
D5BD0F

Deuteranopia
EEB300



Tritanopia
FCA4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F4B003 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 #F4B003 looks like.

```
.text, #text, p{  
    color:#F4B003  
}
```

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 #F4B003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4B003
}
```

Border

The CSS property to change the border of an element to Hex F4B003 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
#F4B003 }
```

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

```
.border{ border-color:#F4B003 }
```

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

Here you see how a box with a 4 pixel #F4B003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4B003; -webkit-box-shadow:4px 4px  
4px 4px #F4B003; box-shadow:4px 4px 4px  
4px #F4B003 }
```

Background

The CSS property to change the background color of an element to Hex F4B003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4B003 }
```

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

```
.background{ background-color:#F4B003 }
```

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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