

Converting Colors

Hex(F3B409)

Have a look what the booklet for
Hex(F3B409) contains.

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Color

Hex(F3B409)

Conversions

Conversions Part 1

Format	Color
Hex	F3B409
RGB	243, 180, 9
RGB Percent	95%, 71%, 4%
CMY	0.0471, 0.2941, 0.9647
CMYK	0.00, 0.26, 0.96, 0.05
HSL	44°, 93%, 49%
HSV	44°, 96%, 95%
XYZ	53.3327, 51.7169, 7.4299
YIQ	179.3430, 92.4390, -39.8250

Conversions

Conversions Part 2

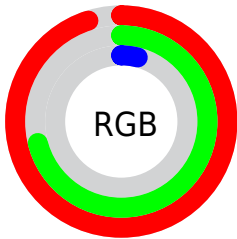
Format	Color
R _Y B	95, 243, 9
Decimal	15971337
CIE Lab	77.11, 11.06, 78.81
CIE LCh	77, 79.581, 82.010
Yxy	51.7169, 0.4742, 0.4598
Android (android.graphics.Color)	4294161417 (0xFFFF3B409)
YUV	179.3430, -83.9791, 55.8272
Hunter-Lab	71.9145, 6.5276, 44.2146

Details

The Hex color **F3B409** 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 **0948F3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFEB54**, and **B58000** is the 20% darker color. If you saturate the color by 10%, you get **F3B200**, and if you desaturate by 10%, it is **F3BB21**.

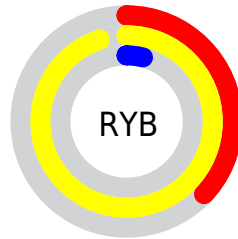
Distribution



Red (95%)

Green (71%)

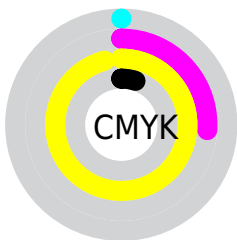
Blue (4%)



Red (37%)

Yellow (95%)

Blue (4%)

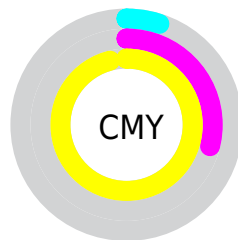


Cyan (0%)

Magenta (26%)

Yellow (96%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3B409 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 F3B409 by changing the saturation by 10% instead.

 F3B409

 F3B409

FFFFFF

 D49900

 FFE854

 B58000

 FFFF71

 976700

 FFFF8E

 7A4F00

 FFFF9A

 5D3800

 FFFFC7

 422300

 FFFF8E

 280F00

 000000

 F3B409

 F3B409

 F3B200

 F3BB21

 F3C13A

 F3C852

 F3CE6A

 F3D582

 F3DB9B

 F3E2B3

 F3E8CB

 F3EFE4

Harmonies

Analogous

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



FF954A



F3B409



AECB1A

Triad

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



F3B409



00E1F4



FF92FF

Complementary

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



F3B409



0948F3

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.



96B3FF



F3B409



00DBFF

Square

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



F3B409



00E0A8



00CDFE



FF77D5

Rectangle

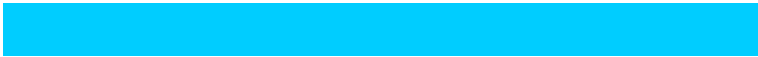
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3B409



74D547



00CDFF



E79DFF

Sweetspot

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



F3B409



FFEBB5



F3094B



807353



000000



808080

Same Dimension

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



F3B409



FFBA00



C0F309



7A776E



BA8800



3B2B00

Inverse Universe

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



0948F3



0045FF



3C09F3



6E717A



0032BA



00103B

Previews

White Background



This preview shows how the Hex color F3B409 looks on a white background.

Color Contrast Check

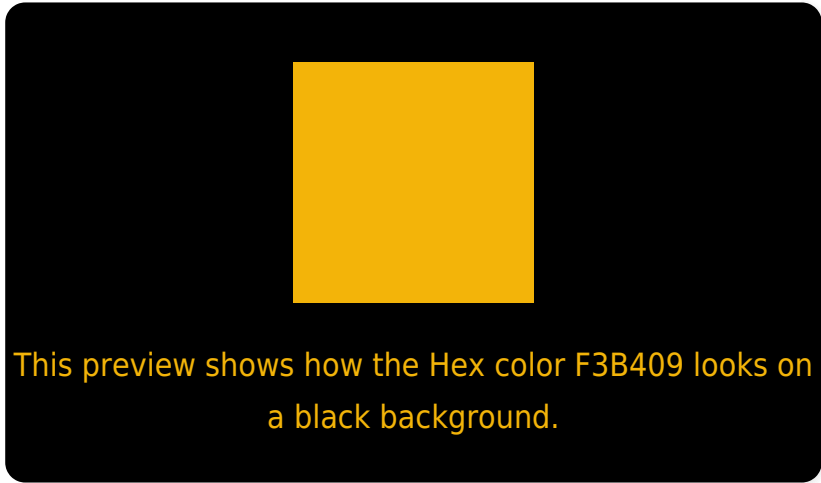
Large Text (above 18pt) WCAG AA × Fail

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 F3B409 Background



This preview shows how black text looks on a background with the Hex color F3B409.



This preview shows how white text looks on a background with the Hex color F3B409.

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
F3B409

Protanopia
D7BF10

Deuteranopia
F1B506

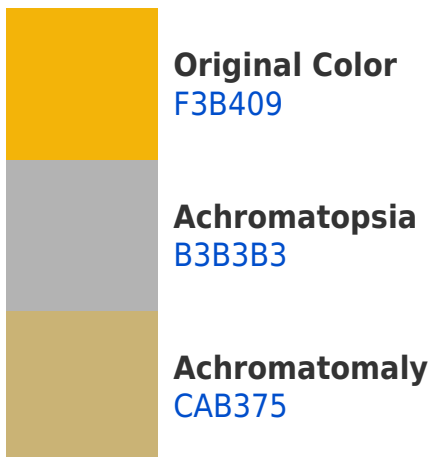


Tritanopia
FBA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3B409 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 #F3B409 looks like.

```
.text, #text, p{  
    color:#F3B409  
}
```

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 #F3B409 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3B409
}
```

Border

The CSS property to change the border of an element to Hex F3B409 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
#F3B409 }
```

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

```
.border{ border-color:#F3B409 }
```

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

Here you see how a box with a 4 pixel #F3B409 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3B409; -webkit-box-shadow:4px 4px  
4px 4px #F3B409; box-shadow:4px 4px 4px  
4px #F3B409 }
```

Background

The CSS property to change the background color of an element to Hex F3B409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3B409 }
```

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

```
.background{ background-color:#F3B409 }
```

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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