

# Converting Colors

Hex(F3B416)

Have a look what the booklet for  
Hex(F3B416) contains.

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**Color**

**Hex(F3B416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3B416
RGB	243, 180, 22
RGB Percent	95%, 71%, 9%
CMY	0.0471, 0.2941, 0.9137
CMYK	0.00, 0.26, 0.91, 0.05
HSL	43°, 90%, 52%
HSV	43°, 91%, 95%
XYZ	53.4282, 51.7551, 7.9328
YIQ	180.8250, 88.2660, -35.7820

# Conversions

## Conversions Part 2

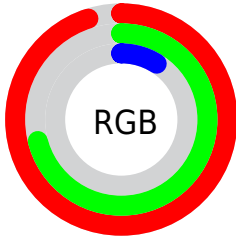
Format	Color
<a href="#">RYB</a>	<a href="#">110, 243, 22</a>
Decimal	<a href="#">15971350</a>
CIELab	<a href="#">77.13, 11.21, 77.04</a>
CIElCh	<a href="#">77, 77.855, 81.723</a>
Yxy	<a href="#">51.7551, 0.4723, 0.4575</a>
Android (android.graphics.Color)	<a href="#">4294161430 (0xFFFF3B416)</a>
YUV	<a href="#">180.8250, -78.3007, 54.5275</a>
Hunter-Lab	<a href="#">71.9410, 6.6692, 43.8209</a>

# Details

The Hex color **F3B416** 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 **1655F3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFEC59**, and **B58000** is the 20% darker color. If you saturate the color by 10%, you get **F3AE00**, and if you desaturate by 10%, it is **F3BB2E**.

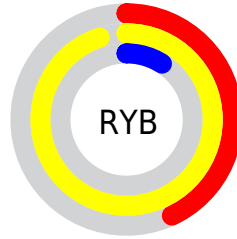
# Distribution



Red (95%)

Green (71%)

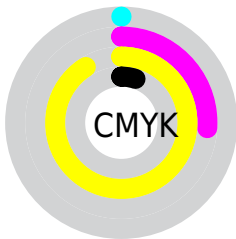
Blue (9%)



Red (43%)

Yellow (95%)

Blue (9%)

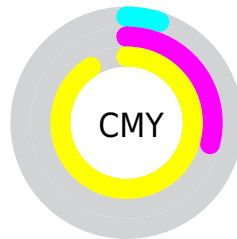


Cyan (0%)

Magenta (26%)

Yellow (91%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3B416 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 F3B416 by changing the saturation by 10% instead.



 F3B416

 F3B416

FFFFFF

 D49900

 FFEC59

 B58000

 FFFF75

 976700

 FFFF92

 7A4F00

 FFFFAE

 5D3800

 FFFFCB

 422300

 FFFFEE

 280F00

 000000

 F3B416

 F3B416

 F3AE00

 F3BB2E

 F3C247

 F3C95F

 F3D077

 F3D78F

 F3DEA8

 F3E4C0

 F3EBD8

 F3F2F1

# Harmonies

## Analogous

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



FF964D



F3B416



B0CA21

# Triad

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



F3B416



00E0F2



FF93FF

# Complementary

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



F3B416



1655F3

# 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.



97B4FF



F3B416



00DBFF

# Square

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



F3B416



00DFA7



00CDFE



FF79D6

# Rectangle

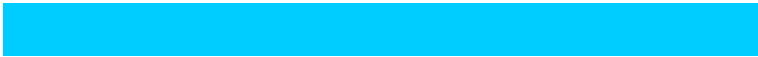
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3B416



77D549



00CDFF



E69EFF



# Sweetspot

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



F3B416



FFECCA



F31658



807457



000000



808080



# Same Dimension

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



F3B416



FFB600



C7F316



7A776E



BA8500



3B2A00



# Inverse Universe

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



1655F3



0049FF



4216F3



6E727A



0035BA



00113B



# Previews

## White Background



This preview shows how the Hex color F3B416 looks on a white background.

## Color Contrast Check

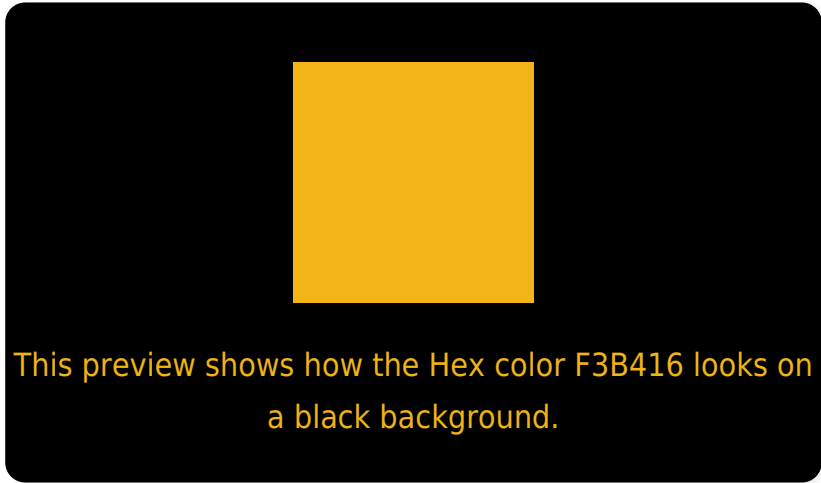
Large Text (above 18pt) WCAG AA × Fail

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 F3B416 Background



This preview shows how black text looks on a background with the Hex color F3B416.



This preview shows how white text looks on a background with the Hex color F3B416.

# 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**  
F3B416

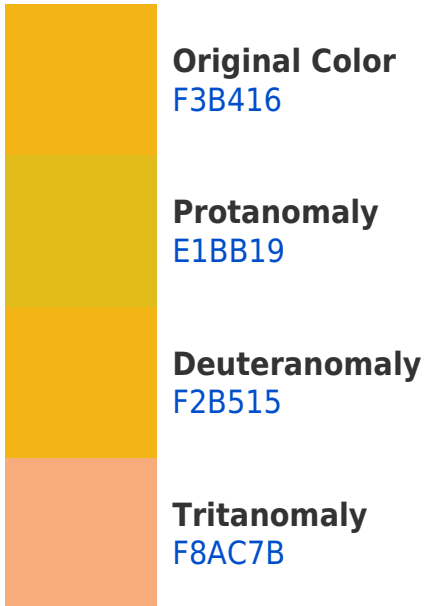
**Protanopia**  
D7BF1A

**Deuteranopia**  
F1B515



**Tritanopia**  
FBA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3B416 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 #F3B416 looks like.

```
.text, #text, p{  
    color:#F3B416  
}
```

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 #F3B416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3B416
}
```

## Border

The CSS property to change the border of an element to Hex F3B416 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
#F3B416 }
```

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

```
.border{ border-color:#F3B416 }
```

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

Here you see how a box with a 4 pixel #F3B416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3B416; -webkit-box-shadow:4px 4px  
4px 4px #F3B416; box-shadow:4px 4px 4px  
4px #F3B416 }
```

# Background

The CSS property to change the background color of an element to Hex F3B416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3B416 }
```

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

```
.background{ background-color:#F3B416 }
```

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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