

Converting Colors

Hex(F3B606)

Have a look what the booklet for
Hex(F3B606) contains.

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Color

Hex(F3B606)

Conversions

Conversions Part 1

Format	Color
Hex	F3B606
RGB	243, 182, 6
RGB Percent	95%, 71%, 2%
CMY	0.0471, 0.2863, 0.9765
CMYK	0.00, 0.25, 0.98, 0.05
HSL	45°, 95%, 49%
HSV	45°, 98%, 95%
XYZ	53.7230, 52.5237, 7.4789
YIQ	180.1750, 92.8520, -41.8040

Conversions

Conversions Part 2

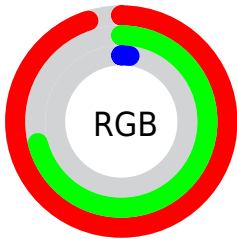
Format	Color
R _Y B	88, 243, 6
Decimal	15971846
CIE Lab	77.59, 9.99, 79.46
CIE LCh	78, 80.085, 82.835
Yxy	52.5237, 0.4724, 0.4618
Android (android.graphics.Color)	4294161926 (0xFFFF3B606)
YUV	180.1750, -85.8683, 55.0975
Hunter-Lab	72.4733, 5.4903, 44.6128

Details

The Hex color **F3B606** 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 **0643F3**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFEE54**, and **B58200** is the 20% darker color. If you saturate the color by 10%, you get **F3B400**, and if you desaturate by 10%, it is **F3BC1E**.

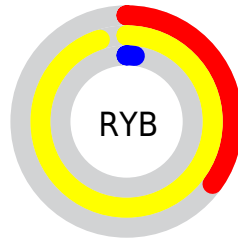
Distribution



Red (95%)

Green (71%)

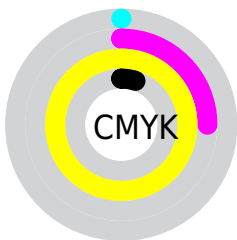
Blue (2%)



Red (35%)

Yellow (95%)

Blue (2%)

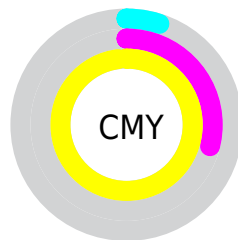


Cyan (0%)

Magenta (25%)

Yellow (98%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3B606 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 F3B606 by changing the saturation by 10% instead.

 F3B606

 F3B606

FFFFFF

 D49B00

 FFEE54

 B58200

 FFFF71

 976900

 FFFF8D

 7A5100

 FFFFAA

 5D3A00

 FFFFC7

 422500

 FFFF E4

 281100

 000000

 F3B606

 F3B606

 F3B400

 F3BC1E

 F3C337

 F3C94F

 F3CF67

 F3D580

 F3DC98

 F3E2B0

 F3E8C8

 F3EEE1

Harmonies

Analogous

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



FF9748



F3B606



ADCD1C

Triad

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



F3B606



00E2F7



FF92FF

Complementary

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



F3B606



0643F3

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.



9CB4FF



F3B606



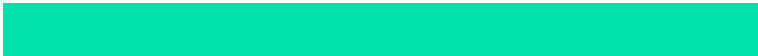
00DDFF

Square

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



F3B606



00E1AB



00CEFF



FF77D5

Rectangle

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



F3B606



71D749



00CEFF



EB9DFF

Sweetspot

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



F3B606



FFECB5



F30645



807453



000000



808080

Same Dimension

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



F3B606



FFBD00



BCF306



7A776E



BA8A00



3B2C00

Inverse Universe

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



0643F3



0042FF



3D06F3



6E717A



0030BA



000F3B

Previews

White Background



This preview shows how the Hex color F3B606 looks on a white background.

Color Contrast Check

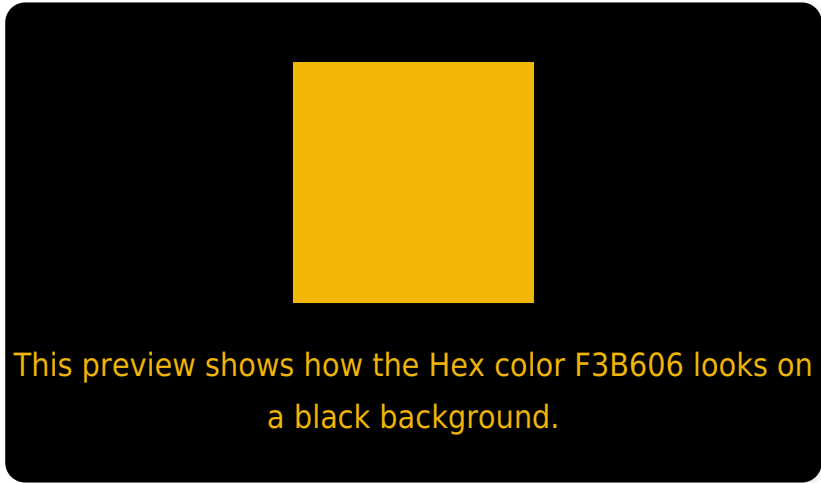
Large Text (above 18pt) WCAG AA × Fail

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 F3B606 Background



This preview shows how black text looks on a background with the Hex color F3B606.



This preview shows how white text looks on a background with the Hex color F3B606.

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
F3B606

Protanopia
D9C10E

Deuteranopia
F3B606



Tritanopia
FCA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3B606 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 #F3B606 looks like.

```
.text, #text, p{  
    color:#F3B606  
}
```

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 #F3B606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3B606
}
```

Border

The CSS property to change the border of an element to Hex F3B606 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
#F3B606 }
```

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

```
.border{ border-color:#F3B606 }
```

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

Here you see how a box with a 4 pixel #F3B606 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3B606; -webkit-box-shadow:4px 4px  
4px 4px #F3B606; box-shadow:4px 4px 4px  
4px #F3B606 }
```

Background

The CSS property to change the background color of an element to Hex F3B606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3B606 }
```

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

```
.background{ background-color:#F3B606 }
```

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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