

Converting Colors

Hex(6F3C01)

Have a look what the booklet for
Hex(6F3C01) contains.

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Color

Hex(6F3C01)

Conversions

Conversions Part 1

Format	Color
Hex	6F3C01
RGB	111, 60, 1
RGB Percent	44%, 24%, 0%
CMY	0.5647, 0.7647, 0.9961
CMYK	0.00, 0.46, 0.99, 0.56
HSL	32°, 98%, 22%
HSV	32°, 99%, 44%
XYZ	8.1769, 6.6134, 0.8743
YIQ	68.5230, 49.3350, -7.5370

Conversions

Conversions Part 2

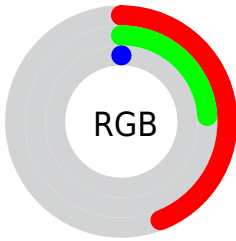
Format	Color
RYB	96, 111, 1
Decimal	7289857
CIELab	30.91, 18.53, 40.79
CIElCh	31, 44.799, 65.571
Yxy	6.6134, 0.5220, 0.4222
Android (android.graphics.Color)	4285479937 (0xFF6F3C01)
YUV	68.5230, -33.2888, 37.2523
Hunter-Lab	25.7166, 11.7522, 15.9860

Details

The Hex color **6F3C01** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **01346F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A86C33**, and **391100** is the 20% darker color. If you saturate the color by 10%, you get **6F3C00**, and if you desaturate by 10%, it is **6F410C**.

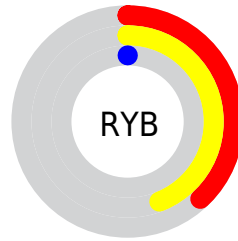
Distribution



Red (44%)

Green (24%)

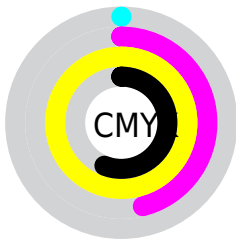
Blue (0%)



Red (38%)

Yellow (44%)

Blue (0%)

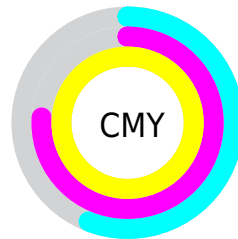


Cyan (0%)

Magenta (46%)

Yellow (99%)

Black (56%)



Cyan (56%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F3C01 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 6F3C01 by changing the saturation by 10% instead.

 6F3C01

 6F3C01

 FFFFEB

 542600

 A86C33

 391100

 C5854B

 220000

 E29F64

 000000

 FFBA7D

 FFD698

 FFF3B3

 FFFFCE

 6F3C01

 6F3C01

■ 6F3C00

■ 6F410C

■ 6F4617

■ 6F4B22

■ 6F512D

■ 6F5639

■ 6F5B44

■ 6F604F

■ 6F655A

■ 6F6A65

Harmonies

Analogous

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



822C22



6F3C01



534900

Triad

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



6F3C01



00584F



513C82

Complementary

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



6F3C01



01346F

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.



004B8F



6F3C01



005871

Square

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



6F3C01



00572A



005489



772B66

Rectangle

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



6F3C01



3C5000



005489



3C4288

Sweetspot

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



6F3C01



917D66



6F0134



4A3E2F



C9C9C9



4A4A4A

Same Dimension

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



6F3C01



914E00



6B6F01



383532



784000



F78500

Inverse Universe

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



01346F



004391



05016F



323538



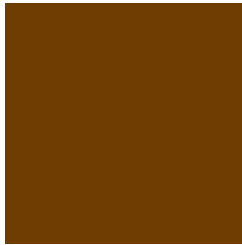
003878



0073F7

Previews

White Background



This preview shows how the Hex color 6F3C01 looks on a white background.

Color Contrast Check

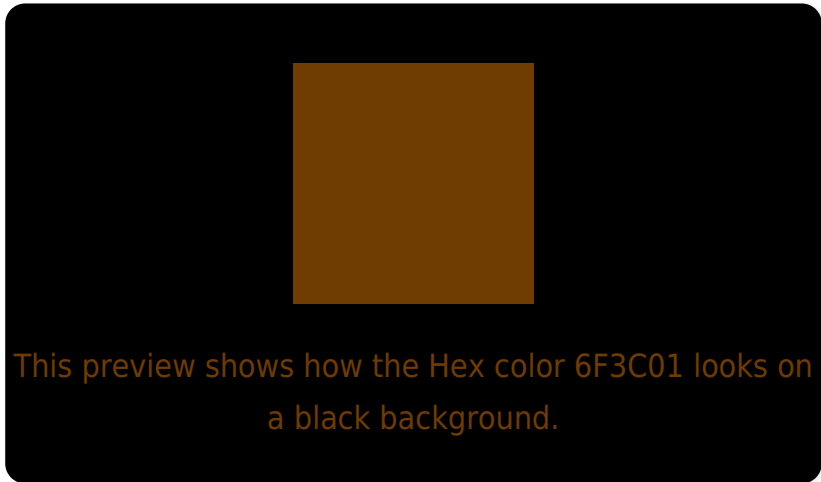
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

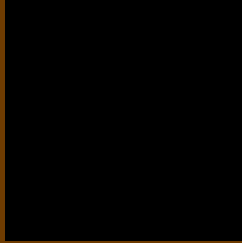
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6F3C01 Background



This preview shows how black text looks on a background with the Hex color 6F3C01.



This preview shows how white text looks on a background with the Hex color 6F3C01.

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
6F3C01

Protanopia
534A09

Deuteranopia
5D4600



Tritanopia
71383C

Trichromacy



Original Color
6F3C01

Protanomaly
5D4506

Deuteranomaly
644200

Tritanomaly
703927

Monochromacy



Original Color
6F3C01

Achromatopsia
454545

Achromatomaly
54422C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F3C01 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 #6F3C01 looks like.

```
.text, #text, p{  
    color:#6F3C01  
}
```

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 #6F3C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3C01
}
```

Border

The CSS property to change the border of an element to Hex 6F3C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

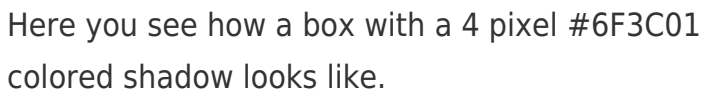
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F3C01 }
```

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

```
.border{ border-color:#6F3C01 }
```

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



Here you see how a box with a 4 pixel #6F3C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3C01; -webkit-box-shadow:4px 4px  
4px 4px #6F3C01; box-shadow:4px 4px 4px  
4px #6F3C01 }
```

Background

The CSS property to change the background color of an element to Hex 6F3C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3C01 }
```

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

```
.background{ background-color:#6F3C01 }
```

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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