

Converting Colors

Hex(6F3F00)

Have a look what the booklet for
Hex(6F3F00) contains.

Hex(6F3F00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6F3F00)

Conversions

Conversions Part 1

Format	Color
Hex	6F3F00
RGB	111, 63, 0
RGB Percent	44%, 25%, 0%
CMY	0.5647, 0.7529, 1.0000
CMYK	0.00, 0.43, 1.00, 0.56
HSL	34°, 100%, 22%
HSV	34°, 100%, 44%
XYZ	8.3331, 6.9345, 0.8993
YIQ	70.1700, 48.8310, -9.4170

Conversions

Conversions Part 2

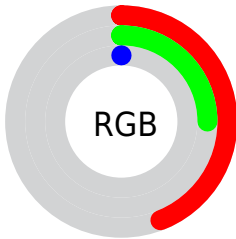
Format	Color
R_{YB}	85, 111, 0
Decimal	7290624
CIE Lab	31.66, 16.70, 41.72
CIE LCh	32, 44.938, 68.181
Yxy	6.9345, 0.5154, 0.4289
Android (android.graphics.Color)	4285480704 (0xFF6F3F00)
YUV	70.1700, -34.5938, 35.8079
Hunter-Lab	26.3335, 10.4015, 16.4087

Details

The Hex color **6F3F00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00306F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A76F32**, and **391400** is the 20% darker color. If you saturate the color by 10%, you get **6F3F00**, and if you desaturate by 10%, it is **6F440B**.

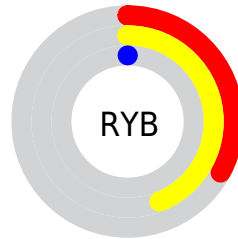
Distribution



Red (44%)

Green (25%)

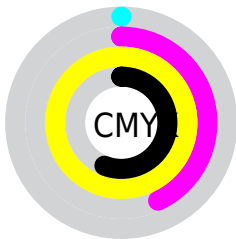
Blue (0%)



Red (33%)

Yellow (44%)

Blue (0%)

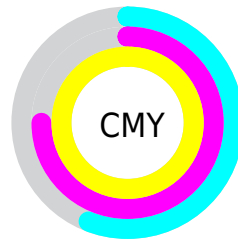


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F3F00 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 6F3F00 by changing the saturation by 10% instead.

 6F3F00

 6F3F00

 FFFFEB

 542900

 A76F32

 391400

 C4884B

 220000

 E2A364

 000000

 FFBE7D

 FFDA98

 FFF6B3

 FFFFCE

 6F3F00

 6F440B

 6F4916

 6F4D21

 6F522C

 6F5738

 6F5C43

 6F614E

 6F6559

 6F6A64

Harmonies

Analogous

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



832F21



6F3F00



524C00

Triad

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



6F3F00



005A53



573C82

Complementary

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



6F3F00



00306F

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.



004C91



6F3F00



005A75

Square

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



6F3F00



00592F



00558C



7B2B65

Rectangle

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



6F3F00



3A5200



00558C



444289

Sweetspot

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



6F3F00



917E66



6F0030



4A3E2F



C9C9C9



4A4A4A

Same Dimension

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



6F3F00



915200



686F00



383632



784400



F78C00

Inverse Universe

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



00306F



003F91



07006F



323538



003478



006BF7

Previews

White Background



This preview shows how the Hex color 6F3F00 looks on a white background.

Color Contrast Check

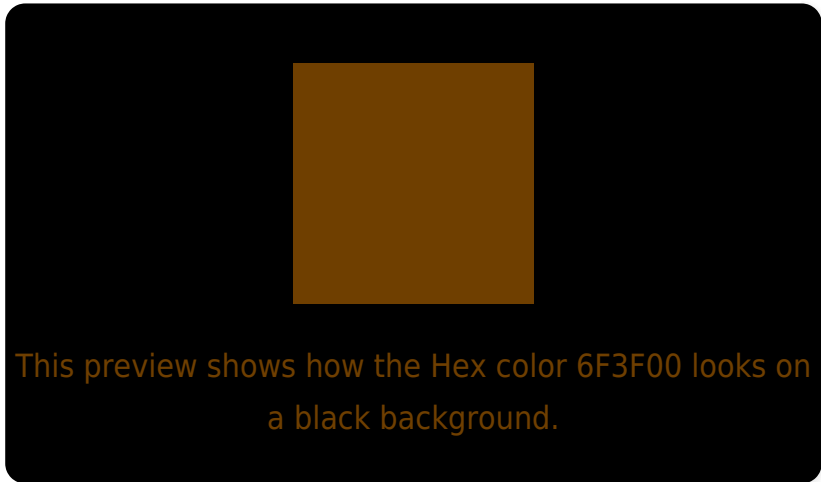
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F3F00 Background



This preview shows how black text looks on a background with the Hex color 6F3F00.



This preview shows how white text looks on a background with the Hex color 6F3F00.

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
6F3F00

Protanopia
554B09

Deuteranopia
5F4700



Tritanopia
713B3F

Trichromacy



Original Color
6F3F00

Protanomaly
5E4706

Deuteranomaly
654400

Tritanomaly
703C28

Monochromacy



Original Color
6F3F00

Achromatopsia
464646

Achromatomaly
55432D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F3F00 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 #6F3F00 looks like.

```
.text, #text, p{  
    color:#6F3F00  
}
```

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 #6F3F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3F00
}
```

Border

The CSS property to change the border of an element to Hex 6F3F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

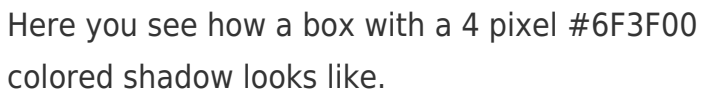
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F3F00 }
```

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

```
.border{ border-color:#6F3F00 }
```

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



Here you see how a box with a 4 pixel #6F3F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3F00; -webkit-box-shadow:4px 4px  
4px 4px #6F3F00; box-shadow:4px 4px 4px  
4px #6F3F00 }
```

Background

The CSS property to change the background color of an element to Hex 6F3F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3F00 }
```

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

```
.background{ background-color:#6F3F00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor