

# Converting Colors

Hex(6F3300)

Have a look what the booklet for  
Hex(6F3300) contains.

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**Color**

**Hex(6F3300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F3300
RGB	111, 51, 0
RGB Percent	44%, 20%, 0%
CMY	0.5647, 0.8000, 1.0000
CMYK	0.00, 0.54, 1.00, 0.56
HSL	28°, 100%, 22%
HSV	28°, 100%, 44%
XYZ	7.7394, 5.7472, 0.7014
YIQ	63.1260, 52.1310, -3.1410

# Conversions

## Conversions Part 2

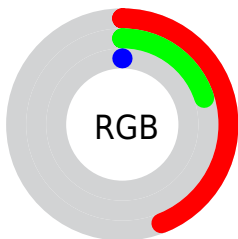
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 94, 0
Decimal	7287552
CIE Lab	28.77, 23.76, 39.56
CIE LCh	29, 46.151, 59.010
Yxy	5.7472, 0.5455, 0.4051
Android (android.graphics.Color)	4285477632 (0xFF6F3300)
YUV	63.1260, -31.1211, 41.9855
Hunter-Lab	23.9732, 15.6727, 15.0466

# Details

The Hex color **6F3300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003C6F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A86331**, and **380600** is the 20% darker color. If you saturate the color by 10%, you get **6F3300**, and if you desaturate by 10%, it is **6F390B**.

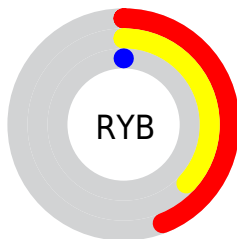
# Distribution



Red (44%)

Green (20%)

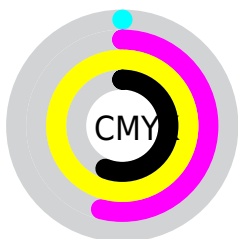
Blue (0%)



Red (44%)

Yellow (37%)

Blue (0%)

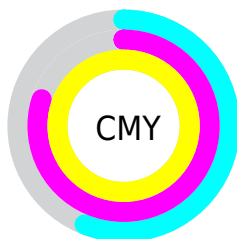


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F3300 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 6F3300 by changing the saturation by 10% instead.



 6F3300

 6F3300

 FFFFE8

 531C00

 A86331

 380600

 C57C48

 200001

 E39661

 000000

 FFB17A

 FFCC95

 FFE9B0

 FFFFCB

 6F3300

 6F390B

 6F3F16

 6F4521

 6F4B2C

 6F5138

 6F5743

 6F5D4E

 6F6359

 6F6964

# Harmonies

## Analogous

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



7F2124



6F3300



544200

# Triad

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



6F3300



005342



3E3B83

# Complementary

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



6F3300



003C6F

# 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.



00498C



6F3300



005366

# Square

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



6F3300



00511C



005081



6D2869

# Rectangle

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



6F3300



3E4900



005081



1F4088



# Sweetspot

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



6F3300



917A66



6F003D



4A3C2F



C9C9C9



4A4A4A



# Same Dimension

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



6F3300



914300



6F6900



383532



783700



F77200



# Inverse Universe

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



003C6F



004F91



00066F



323638



004178

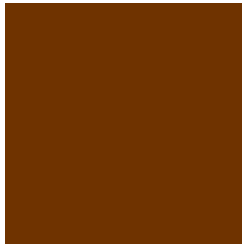


0086F7



# Previews

## White Background



This preview shows how the Hex color 6F3300 looks on a white background.

## Color Contrast Check

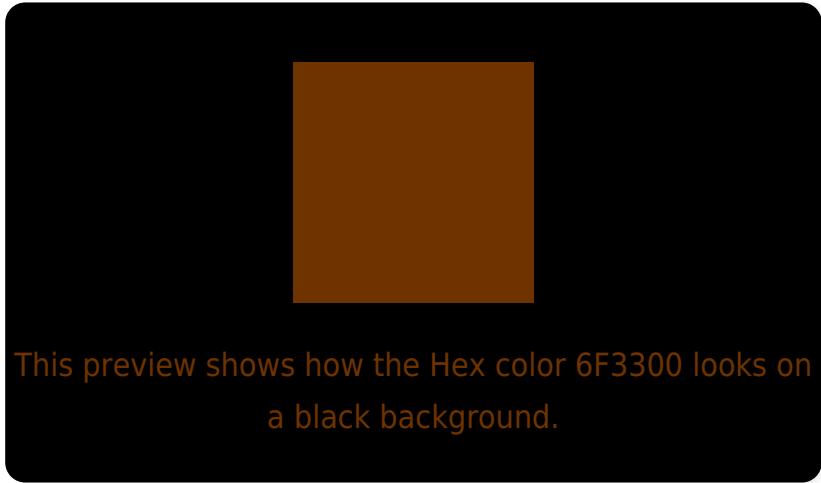
Large Text (above 18pt) WCAG AA ✓ Pass

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

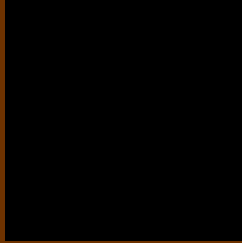
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F3300 Background



This preview shows how black text looks on a background with the Hex color 6F3300.



This preview shows how white text looks on a background with the Hex color 6F3300.

# 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**  
6F3300

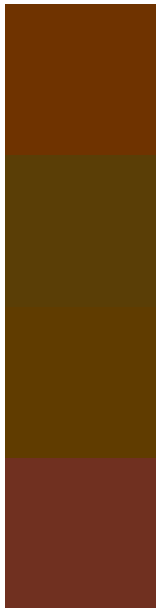
**Protanopia**  
4E450A

**Deuteranopia**  
574100



**Tritanopia**  
702F33

# Trichromacy



**Original Color**  
6F3300

**Protanomaly**  
5A3E06

**Deuteranomaly**  
603C00

**Tritanomaly**  
703020

# Monochromacy



**Original Color**  
6F3300

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
503B28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F3300 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 #6F3300 looks like.

```
.text, #text, p{  
    color:#6F3300  
}
```

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 #6F3300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3300
}
```

## Border

The CSS property to change the border of an element to Hex 6F3300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

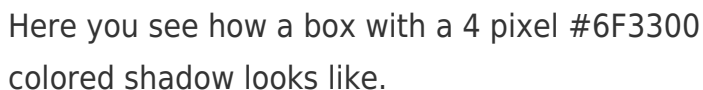
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F3300 }
```

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

```
.border{ border-color:#6F3300 }
```

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



Here you see how a box with a 4 pixel #6F3300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3300; -webkit-box-shadow:4px 4px  
4px 4px #6F3300; box-shadow:4px 4px 4px  
4px #6F3300 }
```

# Background

The CSS property to change the background color of an element to Hex 6F3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3300 }
```

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

```
.background{ background-color:#6F3300 }
```

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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