

# Converting Colors

Hex(6D3301)

Have a look what the booklet for  
Hex(6D3301) contains.

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**Color**

**Hex(6D3301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D3301
RGB	109, 51, 1
RGB Percent	43%, 20%, 0%
CMY	0.5725, 0.8000, 0.9961
CMYK	0.00, 0.53, 0.99, 0.57
HSL	28°, 98%, 22%
HSV	28°, 99%, 43%
XYZ	7.4960, 5.6211, 0.7186
YIQ	62.6420, 50.6180, -3.2540

# Conversions

## Conversions Part 2

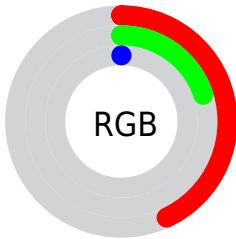
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 94, 1
Decimal	7156481
CIELab	28.44, 22.89, 38.75
CIELCh	28, 45.003, 59.430
Yxy	5.6211, 0.5418, 0.4063
Android (android.graphics.Color)	4285346561 (0xFF6D3301)
YUV	62.6420, -30.3895, 40.6560
Hunter-Lab	23.7088, 14.9459, 14.7991

# Details

The Hex color **6D3301** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **013B6D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A66331**, and **370700** is the 20% darker color. If you saturate the color by 10%, you get **6D3200**, and if you desaturate by 10%, it is **6D390C**.

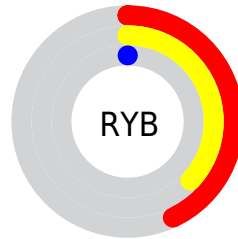
# Distribution



Red (43%)

Green (20%)

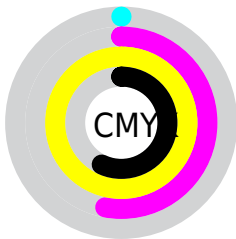
Blue (0%)



Red (43%)

Yellow (37%)

Blue (0%)

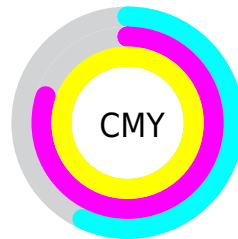


Cyan (0%)

Magenta (53%)

Yellow (99%)

Black (57%)



Cyan (57%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D3301 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 6D3301 by changing the saturation by 10% instead.



 6D3301

 6D3301

 FFFFE8

 521D00

 A66331

 370700

 C37C49

 1E0001

 E19662

 000000

 FFB17B

 FFCC95

 FFE8B0

 FFFFCC

 6D3301

 6D3301

■ 6D3200

■ 6D390C

■ 6D3F17

■ 6D4522

■ 6D4A2D

■ 6D5037

■ 6D5642

■ 6D5C4D

■ 6D6258

■ 6D6863

# Harmonies

## Analogous

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



7D2223



6D3301



534100

# Triad

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



6D3301



005241



3E3A80

# Complementary

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



6D3301



013B6D

# 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.



004889



6D3301



005264

# Square

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



6D3301



00501D



004F7F



6B2867

# Rectangle

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



6D3301



3D4800



004F7F



223F85



# Sweetspot

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



6D3301



8F7864



6D013C



473A2E



C7C7C7



474747



# Same Dimension

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



6D3301



8F4200



6D6801



363330



753600



F57100



# Inverse Universe

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



013B6D



004D8F



01066D



303336



003F75

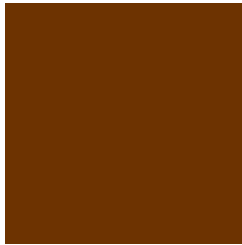


0083F5



# Previews

## White Background



This preview shows how the Hex color 6D3301 looks on a white background.

## Color Contrast Check

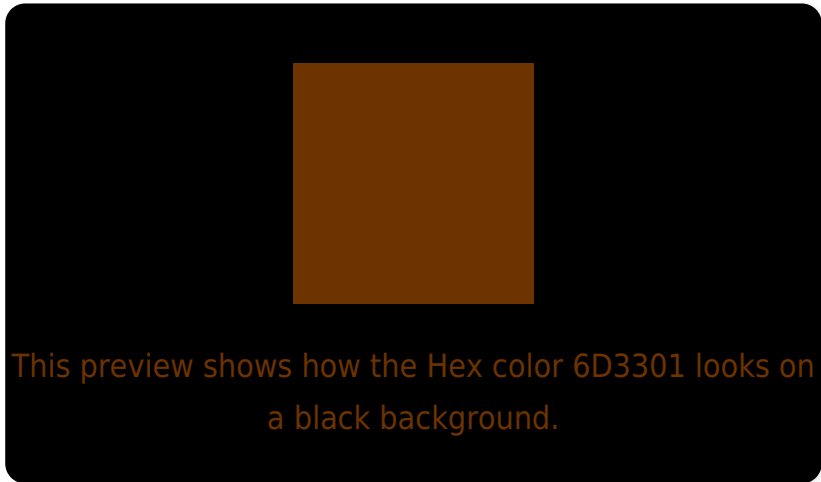
Large Text (above 18pt) WCAG AA ✓ Pass

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

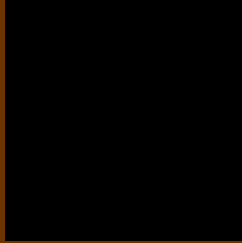
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D3301 Background



This preview shows how black text looks on a background with the Hex color 6D3301.



This preview shows how white text looks on a background with the Hex color 6D3301.

# 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**  
6D3301

**Protanopia**  
4D440A

**Deuteranopia**  
564100



**Tritanopia**  
6E2F33

# Trichromacy



**Original Color**  
6D3301

**Protanomaly**  
593E07

**Deuteranomaly**  
5E3C00

**Tritanomaly**  
6E3021

# Monochromacy



**Original Color**  
6D3301

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
503B28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D3301 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 #6D3301 looks like.

```
.text, #text, p{  
    color:#6D3301  
}
```

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 #6D3301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3301
}
```

## Border

The CSS property to change the border of an element to Hex 6D3301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

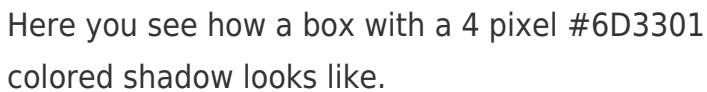
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3301 }
```

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

```
.border{ border-color:#6D3301 }
```

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



Here you see how a box with a 4 pixel #6D3301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3301; -webkit-box-shadow:4px 4px  
4px 4px #6D3301; box-shadow:4px 4px 4px  
4px #6D3301 }
```

# Background

The CSS property to change the background color of an element to Hex 6D3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3301 }
```

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

```
.background{ background-color:#6D3301 }
```

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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