

Converting Colors

Hex(6D4300)

Have a look what the booklet for
Hex(6D4300) contains.

Hex(6D4300)	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(6D4300)

Conversions

Conversions Part 1

Format	Color
Hex	6D4300
RGB	109, 67, 0
RGB Percent	43%, 26%, 0%
CMY	0.5725, 0.7373, 1.0000
CMYK	0.00, 0.39, 1.00, 0.57
HSL	37°, 100%, 21%
HSV	37°, 100%, 43%
XYZ	8.3138, 7.2655, 0.9642
YIQ	71.9200, 46.5390, -11.9330

Conversions

Conversions Part 2

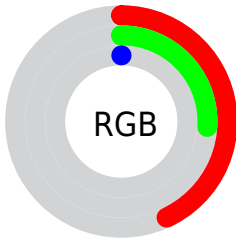
Format	Color
R_{YB}	68, 109, 0
Decimal	7160576
CIE _{Lab}	32.40, 13.31, 42.08
CIE _{LCh}	32, 44.134, 72.442
Yxy	7.2655, 0.5025, 0.4392
Android (android.graphics.Color)	4285350656 (0xFF6D4300)
YUV	71.9200, -35.4566, 32.5192
Hunter-Lab	26.9546, 7.8856, 16.7474

Details

The Hex color **6D4300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002A6D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A57333**, and **381800** is the 20% darker color. If you saturate the color by 10%, you get **6D4300**, and if you desaturate by 10%, it is **6D470B**.

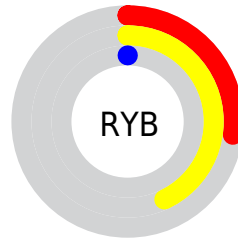
Distribution



Red (43%)

Green (26%)

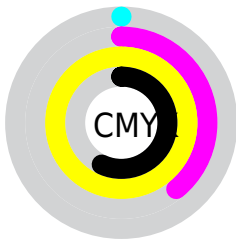
Blue (0%)



Red (27%)

Yellow (43%)

Blue (0%)

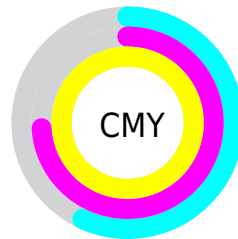


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D4300 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 6D4300 by changing the saturation by 10% instead.

 6D4300

 6D4300

 FFFFEC

 522D00

 A57333

 381800

 C28D4C

 200000

 DFA765

 000000

 FDC27E

 FFDE99

 FFFBB4

 FFFF00

 6D4300

 6D470B

 6D4B16

 6D5021

 6D542C

 6D5837

 6D5C41

 6D604C

 6D6557

 6D6962

Harmonies

Analogous

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



82341F



6D4300



4F4F00

Triad

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



6D4300



005C5A



603C80

Complementary

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



6D4300



002A6D

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.



134B91



6D4300



005B7B

Square

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



6D4300



005B36



00568F



802C62

Rectangle

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



6D4300



365507



00568F



4F4287

Sweetspot

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



6D4300



8F7E64



6D002C



473D2E



C7C7C7



474747

Same Dimension

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



6D4300



8F5800



626D00



363330



754800



F59600

Inverse Universe

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



002A6D



00378F



0B006D



303236



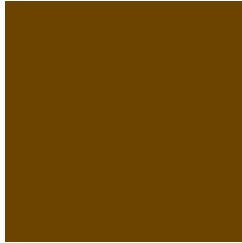
002D75



005EF5

Previews

White Background



This preview shows how the Hex color 6D4300 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

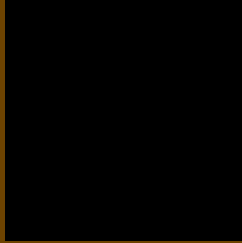
Any Text WCAG AA × Fail

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 6D4300 Background



This preview shows how black text looks on a background with the Hex color 6D4300.



This preview shows how white text looks on a background with the Hex color 6D4300.

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](#).

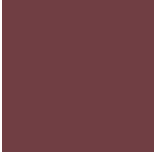
Dichromacy



Original Color
6D4300

Protanopia
574D08

Deuteranopia
614900



Tritanopia
703E43

Trichromacy



Original Color
6D4300

Protanomaly
5F4905

Deuteranomaly
654700

Tritanomaly
6F402B

Monochromacy



Original Color
6D4300

Achromatopsia
484848

Achromatomaly
55462E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D4300 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 #6D4300 looks like.

```
.text, #text, p{  
    color:#6D4300  
}
```

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 #6D4300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4300
}
```

Border

The CSS property to change the border of an element to Hex 6D4300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

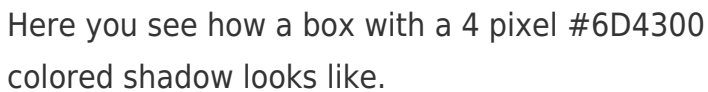
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4300 }
```

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

```
.border{ border-color:#6D4300 }
```

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



Here you see how a box with a 4 pixel #6D4300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4300; -webkit-box-shadow:4px 4px  
4px 4px #6D4300; box-shadow:4px 4px 4px  
4px #6D4300 }
```

Background

The CSS property to change the background color of an element to Hex 6D4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4300 }
```

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

```
.background{ background-color:#6D4300 }
```

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