

# Converting Colors

Hex(6E4400)

Have a look what the booklet for  
Hex(6E4400) contains.

<b>Hex(6E4400)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6E4400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E4400
RGB	110, 68, 0
RGB Percent	43%, 27%, 0%
CMY	0.5686, 0.7333, 1.0000
CMYK	0.00, 0.38, 1.00, 0.57
HSL	37°, 100%, 22%
HSV	37°, 100%, 43%
XYZ	8.4975, 7.4492, 0.9900
YIQ	72.8060, 46.8600, -12.2440

# Conversions

## Conversions Part 2

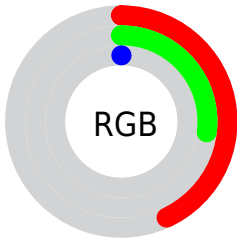
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 110, 0
Decimal	7226368
CIE <sub>Lab</sub>	32.81, 13.19, 42.41
CIE <sub>LCh</sub>	33, 44.414, 72.720
Yxy	7.4492, 0.5017, 0.4398
Android (android.graphics.Color)	4285416448 (0xFF6E4400)
YUV	72.8060, -35.8934, 32.6191
Hunter-Lab	27.2933, 7.8111, 16.9547

# Details

The Hex color **6E4400** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002A6E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A67434**, and **391900** is the 20% darker color. If you saturate the color by 10%, you get **6E4400**, and if you desaturate by 10%, it is **6E480B**.

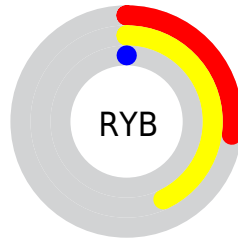
# Distribution



Red (43%)

Green (27%)

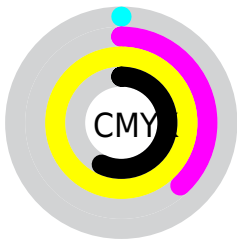
Blue (0%)



Red (27%)

Yellow (43%)

Blue (0%)

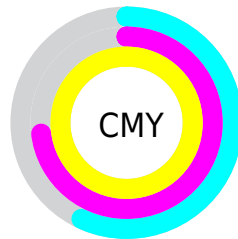


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4400 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 6E4400 by changing the saturation by 10% instead.



 6E4400

 6E4400

 FFFFED

 532E00

 A67434

 391900

 C38E4C

 210000

 E0A865

 000000

 FEC37F

 FFDF99

 FFFCB4

 FFFF00

 6E4400

 6E480B

 6E4C16

 6E5121

 6E552C

 6E5937

 6E5D42

 6E614D

 6E6658

 6E6A63

# Harmonies

## Analogous

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



83341F



6E4400



505000

# Triad

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



6E4400



005D5C



613D81

# Complementary

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



6E4400



002A6E

# 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.



164C92



6E4400



005C7C

# Square

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



6E4400



005C37



005790



812D63

# Rectangle

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



6E4400



375608



005790



504289



# Sweetspot

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



6E4400



8F7E64



6E002A



473E2E



C7C7C7



474747



# Same Dimension

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



6E4400



8F5800



616E00



383632



784A00



F79900



# Inverse Universe

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



002A6E



00378F



0D006E



323538



002E78

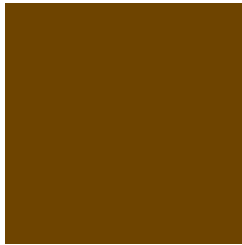


005EF7



# Previews

## White Background



This preview shows how the Hex color 6E4400 looks on a white background.

## Color Contrast Check

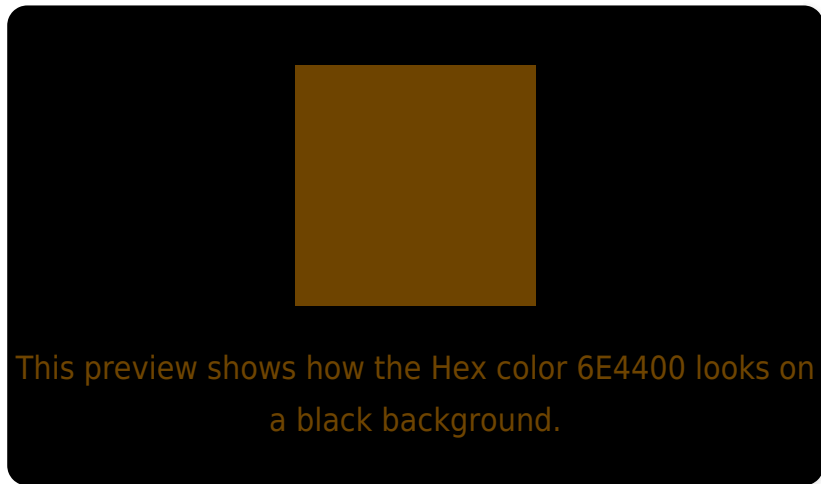
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E4400 Background



This preview shows how black text looks on a background with the Hex color 6E4400.



This preview shows how white text looks on a background with the Hex color 6E4400.

# 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**  
6E4400

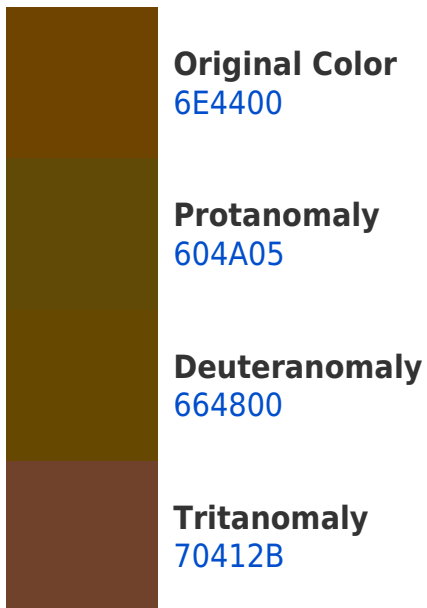
**Protanopia**  
584E08

**Deuteranopia**  
624A00

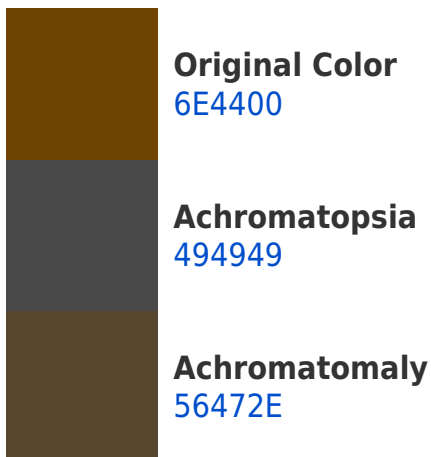


**Tritanopia**  
713F44

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4400 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 #6E4400 looks like.

```
.text, #text, p{  
    color:#6E4400  
}
```

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 #6E4400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4400
}
```

## Border

The CSS property to change the border of an element to Hex 6E4400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

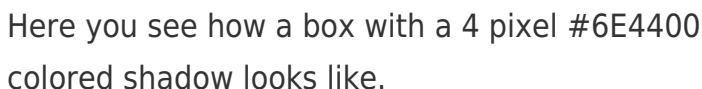
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4400 }
```

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

```
.border{ border-color:#6E4400 }
```

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



Here you see how a box with a 4 pixel #6E4400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4400; -webkit-box-shadow:4px 4px  
4px 4px #6E4400; box-shadow:4px 4px 4px  
4px #6E4400 }
```

# Background

The CSS property to change the background color of an element to Hex 6E4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4400 }
```

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

```
.background{ background-color:#6E4400 }
```

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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