

# Converting Colors

Hex(6E3504)

Have a look what the booklet for  
Hex(6E3504) contains.

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**Color**

**Hex(6E3504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E3504
RGB	110, 53, 4
RGB Percent	43%, 21%, 2%
CMY	0.5686, 0.7922, 0.9843
CMYK	0.00, 0.52, 0.96, 0.57
HSL	28°, 93%, 22%
HSV	28°, 96%, 43%
XYZ	7.7254, 5.8700, 0.8407
YIQ	64.4570, 49.7010, -3.1550

# Conversions

## Conversions Part 2

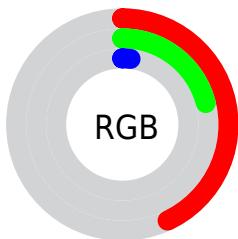
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 95, 4
Decimal	7222532
CIELab	29.08, 22.27, 38.12
CIELCh	29, 44.144, 59.707
Yxy	5.8700, 0.5351, 0.4066
Android (android.graphics.Color)	4285412612 (0xFF6E3504)
YUV	64.4570, -29.8053, 39.9412
Hunter-Lab	24.2280, 14.5181, 14.9023

# Details

The Hex color **6E3504** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **043D6E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A76534**, and **380900** is the 20% darker color. If you saturate the color by 10%, you get **6E3300**, and if you desaturate by 10%, it is **6E3B0F**.

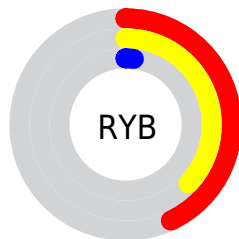
# Distribution



Red (43%)

Green (21%)

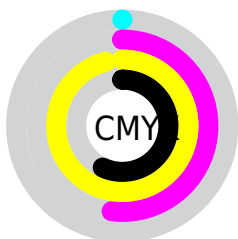
Blue (2%)



Red (43%)

Yellow (37%)

Blue (2%)

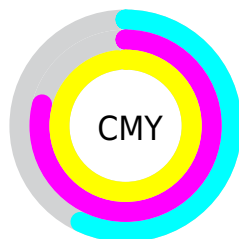


Cyan (0%)

Magenta (52%)

Yellow (96%)

Black (57%)



Cyan (57%)

Magenta (79%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E3504 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 6E3504 by changing the saturation by 10% instead.



 6E3504

 6E3504

 FFFFEB

 531F00

 A76534

 380900

 C47E4C

 200001

 E29864

 000000

 FFB37E

 FFCE98

 FFEBB3

 FFFFCE

 6E3504

 6E3504

■ 6E3300

■ 6E3B0F

■ 6E411A

■ 6E4725

■ 6E4D30

■ 6E533B

■ 6E5846

■ 6E5E51

■ 6E645C

■ 6E6A67

# Harmonies

## Analogous

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



7E2525



6E3504



544300

# Triad

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



6E3504



005443



413C80

# Complementary

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



6E3504



043D6E

# 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.



004989



6E3504



005466

# Square

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



6E3504



005120



00517F



6C2A68

# Rectangle

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



6E3504



3F4A00



00517F



274185



# Sweetspot

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



6E3504



8F7965



6E043E



473A2E



C7C7C7



474747



# Same Dimension

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



6E3504



8F4200



6E6904



383532



783700



F77200



# Inverse Universe

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



043D6E



004D8F



04096E



323638



004078

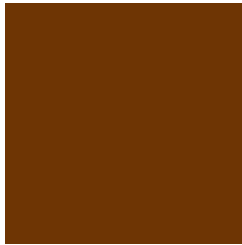


0085F7



# Previews

## White Background



This preview shows how the Hex color 6E3504 looks on a white background.

## Color Contrast Check

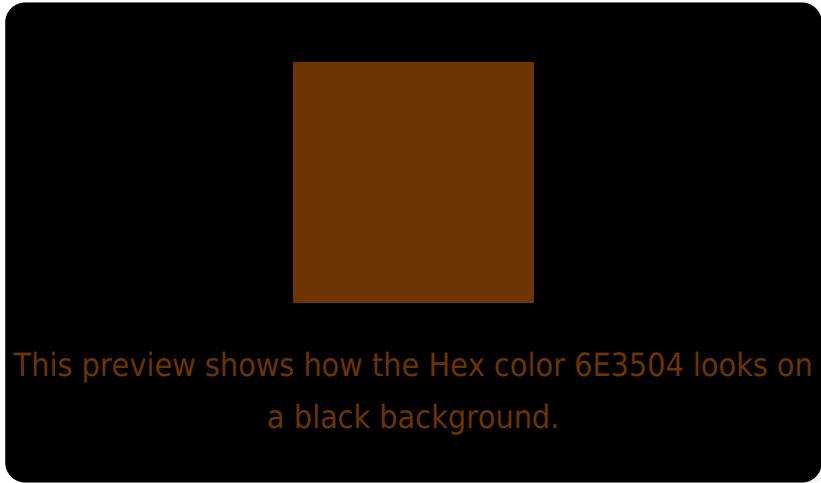
Large Text (above 18pt) WCAG AA ✓ Pass

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

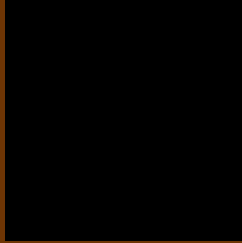
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E3504 Background



This preview shows how black text looks on a background with the Hex color 6E3504.



This preview shows how white text looks on a background with the Hex color 6E3504.

# 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**  
6E3504

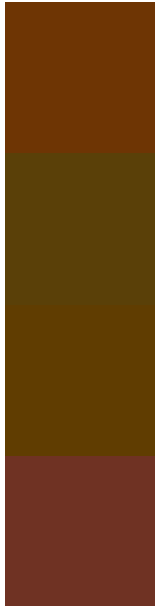
**Protanopia**  
4E460B

**Deuteranopia**  
584200



**Tritanopia**  
703135

# Trichromacy



**Original Color**  
6E3504

**Protanomaly**  
5A4008

**Deuteranomaly**  
603D01

**Tritanomaly**  
6F3223

# Monochromacy



**Original Color**  
6E3504

**Achromatopsia**  
404040

**Achromatomaly**  
513C2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E3504 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 #6E3504 looks like.

```
.text, #text, p{  
    color:#6E3504  
}
```

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 #6E3504 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3504
}
```

## Border

The CSS property to change the border of an element to Hex 6E3504 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
#6E3504 }
```

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

```
.border{ border-color:#6E3504 }
```

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

Here you see how a box with a 4 pixel #6E3504 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3504; -webkit-box-shadow:4px 4px  
4px 4px #6E3504; box-shadow:4px 4px 4px  
4px #6E3504 }
```

# Background

The CSS property to change the background color of an element to Hex 6E3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3504 }
```

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

```
.background{ background-color:#6E3504 }
```

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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