

# Converting Colors

Hex(6E4725)

Have a look what the booklet for  
Hex(6E4725) contains.

<b>Hex(6E4725)</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(6E4725)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4725
RGB	110, 71, 37
RGB Percent	43%, 28%, 15%
CMY	0.5686, 0.7216, 0.8549
CMYK	0.00, 0.35, 0.66, 0.57
HSL	28°, 50%, 29%
HSV	28°, 66%, 43%
XYZ	9.0176, 7.9550, 2.8105
YIQ	78.7850, 34.1580, -2.3060

# Conversions

## Conversions Part 2

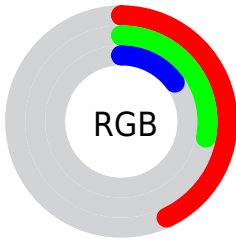
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 101, 37
Decimal	7227173
CIE <sub>Lab</sub>	33.89, 13.01, 26.91
CIE <sub>LCh</sub>	34, 29.887, 64.204
Yxy	7.9550, 0.4558, 0.4021
Android (android.graphics.Color)	4285417253 (0xFF6E4725)
YUV	78.7850, -20.6000, 27.3756
Hunter-Lab	28.2047, 7.7116, 13.8353

# Details

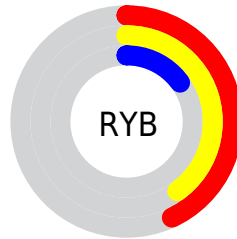
The Hex color **6E4725** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **254C6E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A47853**, and **3B1B00** is the 20% darker color. If you saturate the color by 10%, you get **6E411A**, and if you desaturate by 10%, it is **6E4D30**.

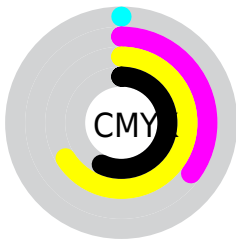
# Distribution



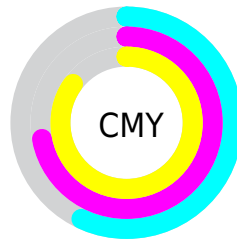
- Red (43%)
- Green (28%)
- Blue (15%)



- Red (43%)
- Yellow (40%)
- Blue (15%)



- Cyan (0%)
- Magenta (35%)
- Yellow (66%)
- Black (57%)



- Cyan (57%)
- Magenta (72%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4725 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 6E4725 by changing the saturation by 10% instead.



 6E4725

 6E4725

FFFFFF

 54300F

 A47853

 3B1B00

 C0916C

 230300

 DDAC85

 000000

 FBC79F

 FFE3BA

 FFFFD6

 FFFFF3

 6E4725

 6E4725

■ 6E411A

■ 6E4D30

■ 6E3B0F

■ 6E533B

■ 6E3504

■ 6E5946

■ 6E3300

■ 6E5F51

■ 6E645C

■ 6E6A67

■ 6E7072

■ 6E767D

■ 6E7C88

# Harmonies

## Analogous

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



7A3F36



6E4725



5A4F1F

# Triad

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



6E4725



005C52



564877

# Complementary

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



6E4725



254C6E

# 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.



2C517F



6E4725



005B6A

# Square

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



6E4725



215A3A



00587A



703F65

# Rectangle

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



6E4725



4B5423



00587A



4A4B7B



# Sweetspot

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



6E4725



8F8072



6E254D



473E36



C7C7C7



474747



# Same Dimension

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



6E4725



8F521D



6E6A25



383532



783800



F77300



# Inverse Universe

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



254C6E



1D5A8F



25296E



323538



004078



0084F7



# Previews

## White Background



This preview shows how the Hex color 6E4725 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 6E4725 Background



This preview shows how black text looks on a background with the Hex color 6E4725.



This preview shows how white text looks on a background with the Hex color 6E4725.

# 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**  
6E4725

**Protanopia**  
595028

**Deuteranopia**  
634C24



**Tritanopia**  
704348

# Trichromacy



**Original Color**  
6E4725

**Protanomaly**  
614D27

**Deuteranomaly**  
674A24

**Tritanomaly**  
6F443B

# Monochromacy



**Original Color**  
6E4725

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5A4C40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4725 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 #6E4725 looks like.

```
.text, #text, p{  
    color:#6E4725  
}
```

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 #6E4725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4725
}
```

## Border

The CSS property to change the border of an element to Hex 6E4725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

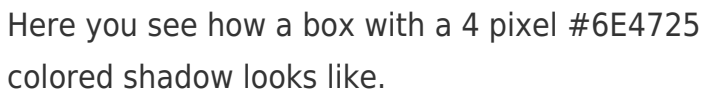
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4725 }
```

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

```
.border{ border-color:#6E4725 }
```

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



Here you see how a box with a 4 pixel #6E4725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4725; -webkit-box-shadow:4px 4px  
4px 4px #6E4725; box-shadow:4px 4px 4px  
4px #6E4725 }
```

# Background

The CSS property to change the background color of an element to Hex 6E4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4725 }
```

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

```
.background{ background-color:#6E4725 }
```

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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