

# Converting Colors

Hex(6E5D17)

Have a look what the booklet for  
Hex(6E5D17) contains.

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**Color**

**Hex(6E5D17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E5D17
RGB	110, 93, 23
RGB Percent	43%, 36%, 9%
CMY	0.5686, 0.6353, 0.9098
CMYK	0.00, 0.15, 0.79, 0.57
HSL	48°, 65%, 26%
HSV	48°, 79%, 43%
XYZ	10.4994, 11.2056, 2.4201
YIQ	90.1030, 32.6020, -18.1660

# Conversions

## Conversions Part 2

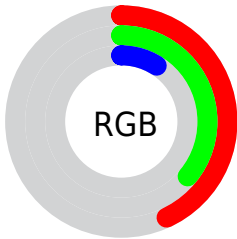
Format	Color
<b>RYB</b>	44, 110, 23
Decimal	7232791
CIELab	39.92, -1.15, 40.19
CIELCh	40, 40.205, 91.633
Yxy	11.2056, 0.4352, 0.4645
Android (android.graphics.Color)	4285422871 (0xFF6E5D17)
YUV	90.1030, -33.0818, 17.4497
Hunter-Lab	33.4747, -2.5938, 19.1458

# Details

The Hex color **6E5D17** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **17286E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A48F48**, and **3B2F00** is the 20% darker color. If you saturate the color by 10%, you get **6E5B0C**, and if you desaturate by 10%, it is **6E5F22**.

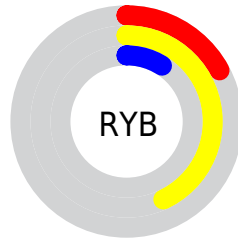
# Distribution



Red (43%)

Green (36%)

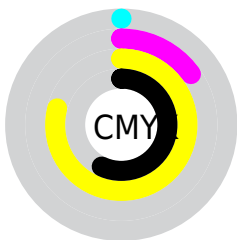
Blue (9%)



Red (17%)

Yellow (43%)

Blue (9%)

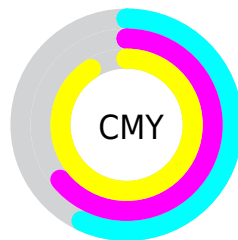


Cyan (0%)

Magenta (15%)

Yellow (79%)

Black (57%)



Cyan (57%)

Magenta (64%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E5D17 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 6E5D17 by changing the saturation by 10% instead.



 6E5D17

 6E5D17

FFFFFF

 544600

 A48F48

 3B2F00

 C0A961

 221B00

 DDC57B

 000000

 FBE095

 FFFDB0

 FFFFCC

 FFFFEE

 6E5D17

 6E5D17

■ 6E5B0C

■ 6E5F22

■ 6E5901

■ 6E612D

■ 6E5900

■ 6E6338

■ 6E6643

■ 6E684E

■ 6E6A59

■ 6E6C64

■ 6E6E6F

■ 6E707A

# Harmonies

## Analogous

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



885124



6E5D17



4D6622

# Triad

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



6E5D17



006D80



87477E

# Complementary

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



6E5D17



17286E

# 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.



615596



6E5D17



006997

# Square

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



6E5D17



006E5F



0F61A0



99405E

# Rectangle

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



6E5D17



306A33



0F61A0



7D4B87



# Sweetspot

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



6E5D17



8F886D



6E1728



474333



C7C7C7



474747



# Same Dimension

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



6E5D17



8F7407



546E17



383732



786000



F7C700



# Inverse Universe

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



17286E



07228F



31176E



323438



001778

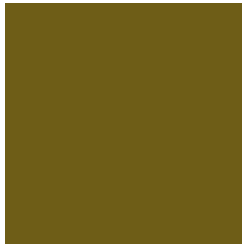


0030F7



# Previews

## White Background



This preview shows how the Hex color 6E5D17 looks on a white background.

## Color Contrast Check

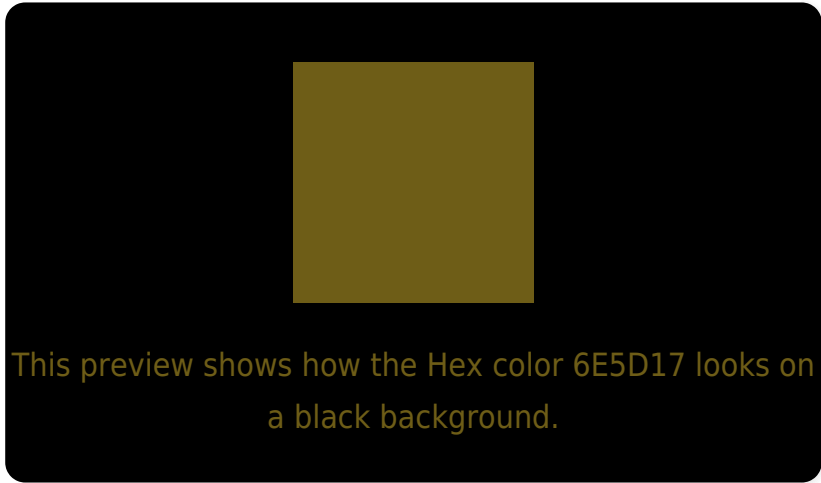
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

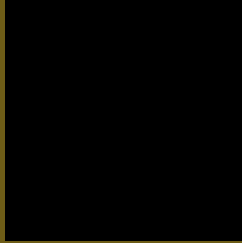
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E5D17 Background



This preview shows how black text looks on a background with the Hex color 6E5D17.



This preview shows how white text looks on a background with the Hex color 6E5D17.

# 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**  
6E5D17

**Protanopia**  
6A5F17

**Deuteranopia**  
765919



# Trichromacy



**Original Color**  
6E5D17

**Protanomaly**  
6B5E17

**Deuteranomaly**  
735A18

**Tritanomaly**  
715944

# Monochromacy



**Original Color**  
6E5D17

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
615B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E5D17 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 #6E5D17 looks like.

```
.text, #text, p{  
    color:#6E5D17  
}
```

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 #6E5D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5D17
}
```

## Border

The CSS property to change the border of an element to Hex 6E5D17 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
#6E5D17 }
```

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

```
.border{ border-color:#6E5D17 }
```

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

Here you see how a box with a 4 pixel #6E5D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5D17; -webkit-box-shadow:4px 4px  
4px 4px #6E5D17; box-shadow:4px 4px 4px  
4px #6E5D17 }
```

# Background

The CSS property to change the background color of an element to Hex 6E5D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5D17 }
```

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

```
.background{ background-color:#6E5D17 }
```

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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