

# Converting Colors

Hex(6E5D0D)

Have a look what the booklet for  
Hex(6E5D0D) contains.

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# Color

Hex(6E5D0D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E5D0D
RGB	110, 93, 13
RGB Percent	43%, 36%, 5%
CMY	0.5686, 0.6353, 0.9490
CMYK	0.00, 0.15, 0.88, 0.57
HSL	49°, 79%, 24%
HSV	49°, 88%, 43%
XYZ	10.4174, 11.1728, 1.9883
YIQ	88.9630, 35.8120, -21.2760

# Conversions

## Conversions Part 2

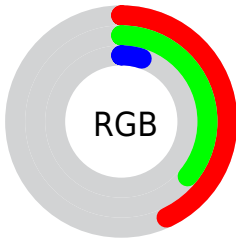
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 110, 13
Decimal	7232781
CIELab	39.87, -1.54, 43.66
CIELCh	40, 43.688, 92.015
Yxy	11.1728, 0.4418, 0.4739
Android (android.graphics.Color)	4285422861 (0xFF6E5D0D)
YUV	88.9630, -37.4498, 18.4494
Hunter-Lab	33.4257, -2.8638, 19.8712

# Details

The Hex color **6E5D0D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D1E6E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A58F41**, and **3A3000** is the 20% darker color. If you saturate the color by 10%, you get **6E5B02**, and if you desaturate by 10%, it is **6E5F18**.

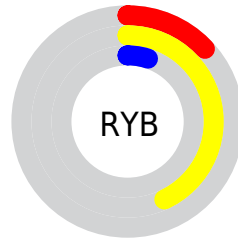
# Distribution



Red (43%)

Green (36%)

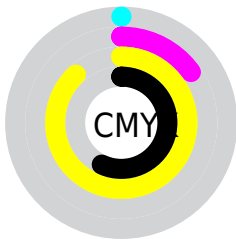
Blue (5%)



Red (13%)

Yellow (43%)

Blue (5%)

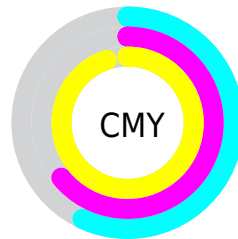


Cyan (0%)

Magenta (15%)

Yellow (88%)

Black (57%)



Cyan (57%)

Magenta (64%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E5D0D 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 6E5D0D by changing the saturation by 10% instead.



 6E5D0D

 6E5D0D

FFFFFFE

 544600

 A58F41

 3A3000

 C1A95A

 221B00

 DEC474

 000000

 FBE08E

 FFFDA9

 FFFFC5

 FFFFE1

 6E5D0D

 6E5D0D

■ 6E5B02

■ 6E5F18

■ 6E5B00

■ 6E6123

■ 6E632E

■ 6E6539

■ 6E6744

■ 6E694F

■ 6E6A5A

■ 6E6C65

■ 6E6E70

# Harmonies

## Analogous

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



8A4F1D



6E5D0D



4A671C

# Triad

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



6E5D0D



006E83



8B4480

# Complementary

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



6E5D0D



0D1E6E

# 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.



61539B



6E5D0D



006A9D

# Square

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



6E5D0D



006F5F



0061A5



9D3C5D

# Rectangle

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



6E5D0D



296B30



0061A5



80498A



# Sweetspot

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



6E5D0D



8F886A



6E0D1F



474431



C7C7C7



474747



# Same Dimension

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



6E5D0D



8F7600



4F6E0D



383732



786300



F7CC00



# Inverse Universe

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



0D1E6E



00198F



2C0D6E



323338



001578

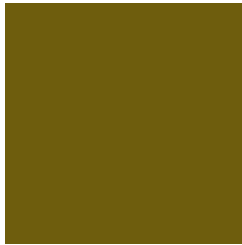


002BF7



# Previews

## White Background



This preview shows how the Hex color 6E5D0D looks on a white background.

## Color Contrast Check

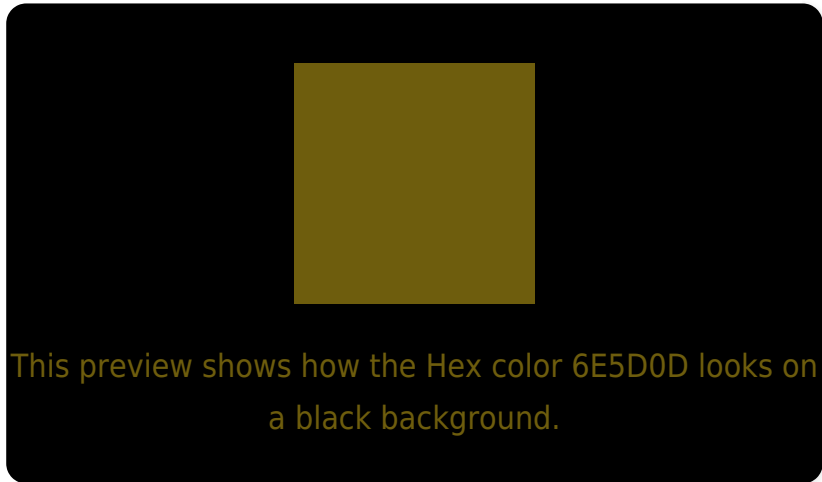
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E5D0D Background



This preview shows how black text looks on a background with the Hex color 6E5D0D.



This preview shows how white text looks on a background with the Hex color 6E5D0D.

# 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**  
6E5D0D

**Protanopia**  
6A5E0D

**Deuteranopia**  
775910



**Tritanopia**  
73575D

# Trichromacy



**Original Color**  
6E5D0D

**Protanomaly**  
6B5E0D

**Deuteranomaly**  
745A0F

**Tritanomaly**  
715940

# Monochromacy



**Original Color**  
6E5D0D

**Achromatopsia**  
595959

**Achromatomaly**  
615A3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E5D0D 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 #6E5D0D looks like.

```
.text, #text, p{  
    color:#6E5D0D  
}
```

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 #6E5D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5D0D
}
```

## Border

The CSS property to change the border of an element to Hex 6E5D0D 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
#6E5D0D }
```

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

```
.border{ border-color:#6E5D0D }
```

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

Here you see how a box with a 4 pixel #6E5D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5D0D; -webkit-box-shadow:4px 4px  
4px 4px #6E5D0D; box-shadow:4px 4px 4px  
4px #6E5D0D }
```

# Background

The CSS property to change the background color of an element to Hex 6E5D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5D0D }
```

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

```
.background{ background-color:#6E5D0D }
```

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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