

# Converting Colors

Hex(6E521B)

Have a look what the booklet for  
Hex(6E521B) contains.

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**Color**

**Hex(6E521B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E521B
RGB	110, 82, 27
RGB Percent	43%, 32%, 11%
CMY	0.5686, 0.6784, 0.8941
CMYK	0.00, 0.25, 0.75, 0.57
HSL	40°, 61%, 27%
HSV	40°, 75%, 43%
XYZ	9.6455, 9.4287, 2.3485
YIQ	84.1020, 34.3430, -11.1690

# Conversions

## Conversions Part 2

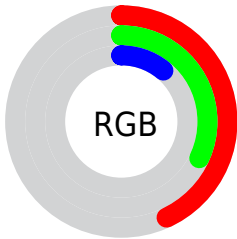
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 110, 27
Decimal	7229979
CIELab	36.80, 5.65, 35.36
CIELCh	37, 35.805, 80.926
Yxy	9.4287, 0.4502, 0.4401
Android (android.graphics.Color)	4285420059 (0xFF6E521B)
YUV	84.1020, -28.1513, 22.7125
Hunter-Lab	30.7062, 2.3351, 16.9598

# Details

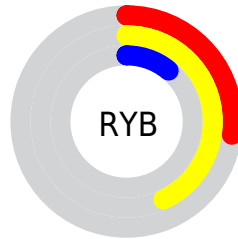
The Hex color **6E521B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1B376E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A4834A**, and **3B2600** is the 20% darker color. If you saturate the color by 10%, you get **6E4E10**, and if you desaturate by 10%, it is **6E5626**.

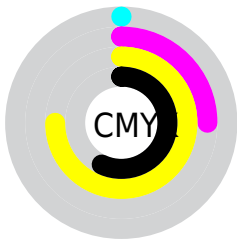
# Distribution



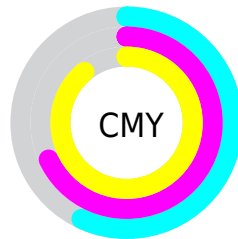
- Red (43%)
- Green (32%)
- Blue (11%)



- Red (27%)
- Yellow (43%)
- Blue (11%)



- Cyan (0%)
- Magenta (25%)
- Yellow (75%)
- Black (57%)



- Cyan (57%)
- Magenta (68%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E521B 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 6E521B by changing the saturation by 10% instead.





6E521B



6E521B

FFFFFF



543B02



A4834A



3B2600



C19D63



221200



DDB87C



000000



FBD496



FFF0B1



FFFPCD



FFFPEA



6E521B



6E521B

■ 6E4E10

■ 6E5626

■ 6E4B05

■ 6E5931

■ 6E4900

■ 6E5D3C

■ 6E6147

■ 6E6552

■ 6E685D

■ 6E6C68

■ 6E7073

■ 6E737E

# Harmonies

## Analogous

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



82472B



6E521B



535B1D

# Triad

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



6E521B



00656A



71477B

# Complementary

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



6E521B



1B376E

# 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.



49538C



6E521B



006283

# Square

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



6E521B



00644D



005C8F



873E61

# Rectangle

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



6E521B



3D5F29



005C8F



664B82



# Sweetspot

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



6E521B



8F846E



6E1B38



474133



C7C7C7



474747



# Same Dimension

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



6E521B



8F630D



626E1B



383632



784F00



F7A400



# Inverse Universe

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



1B376E



0D398F



271B6E



323438



002878

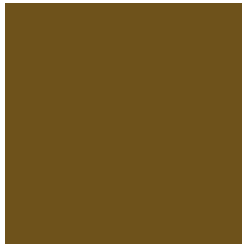


0053F7



# Previews

## White Background



This preview shows how the Hex color 6E521B 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 6E521B Background



This preview shows how black text looks on a background with the Hex color 6E521B.



This preview shows how white text looks on a background with the Hex color 6E521B.

# 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**  
6E521B

**Protanopia**  
61571C

**Deuteranopia**  
6D531B



**Tritanopia**  
724D52

# Trichromacy



**Original Color**  
6E521B

**Protanomaly**  
66551C

**Deuteranomaly**  
6D531B

**Tritanomaly**  
714F3E

# Monochromacy



**Original Color**  
6E521B

**Achromatopsia**  
545454

**Achromatomaly**  
5D533F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E521B 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 #6E521B looks like.

```
.text, #text, p{  
    color:#6E521B  
}
```

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 #6E521B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E521B
}
```

## Border

The CSS property to change the border of an element to Hex 6E521B 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
#6E521B }
```

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

```
.border{ border-color:#6E521B }
```

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

Here you see how a box with a 4 pixel #6E521B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E521B; -webkit-box-shadow:4px 4px  
4px 4px #6E521B; box-shadow:4px 4px 4px  
4px #6E521B }
```

# Background

The CSS property to change the background color of an element to Hex 6E521B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E521B }
```

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

```
.background{ background-color:#6E521B }
```

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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