

# Converting Colors

Hex(6E2F17)

Have a look what the booklet for  
Hex(6E2F17) contains.

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# Color

**Hex(6E2F17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E2F17
RGB	110, 47, 23
RGB Percent	43%, 18%, 9%
CMY	0.5686, 0.8157, 0.9098
CMYK	0.00, 0.57, 0.79, 0.57
HSL	17°, 65%, 26%
HSV	17°, 79%, 43%
XYZ	7.6016, 5.4099, 1.4542
YIQ	63.1010, 45.2520, 5.8920

# Conversions

## Conversions Part 2

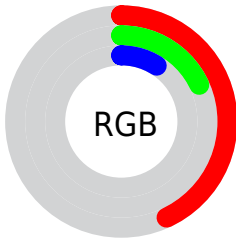
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 56, 23
Decimal	7221015
CIE <sub>Lab</sub>	27.87, 26.32, 28.19
CIE <sub>LCh</sub>	28, 38.567, 46.965
Yxy	5.4099, 0.5255, 0.3740
Android (android.graphics.Color)	4285411095 (0xFF6E2F17)
YUV	63.1010, -19.7698, 41.1304
Hunter-Lab	23.2592, 17.6339, 12.5746

# Details

The Hex color **6E2F17** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17566E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A65F43**, and **380100** is the 20% darker color. If you saturate the color by 10%, you get **6E270C**, and if you desaturate by 10%, it is **6E3722**.

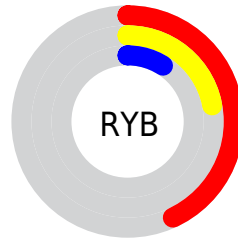
# Distribution



Red (43%)

Green (18%)

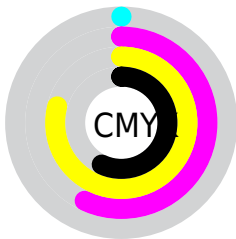
Blue (9%)



Red (43%)

Yellow (22%)

Blue (9%)

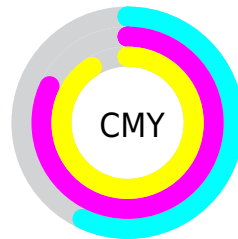


Cyan (0%)

Magenta (57%)

Yellow (79%)

Black (57%)



Cyan (57%)

Magenta (82%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E2F17 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 6E2F17 by changing the saturation by 10% instead.



 6E2F17

 6E2F17

FFFFFFC

 531800

 A65F43

 380100

 C3785B

 1F0001

 E19274

 000000

 FEAD8E

 FFC9A8

 FFE5C4

 FFFFEO

 6E2F17

 6E2F17

■ 6E270C

■ 6E3722

■ 6E1F01

■ 6E3F2D

■ 6E1E00

■ 6E4738

■ 6E4F43

■ 6E574E

■ 6E5F59

■ 6E6764

■ 6E6F6F

■ 6E777A

# Harmonies

## Analogous

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



772432



6E2F17



5B3C00

# Triad

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



6E2F17



004F33



253F7B

# Complementary

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



6E2F17



17566E

# 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.



00497C



6E2F17



005052

# Square

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



6E2F17



1C4C16



004E6D



58326B

# Rectangle

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



6E2F17



4A4300



004E6D



00437D



# Sweetspot

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



6E2F17



8F766D



6E1757



473833



C7C7C7



474747



# Same Dimension

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



6E2F17



8F2D07



6E5A17



383432



782100



F74400



# Inverse Universe

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



17566E



07698F



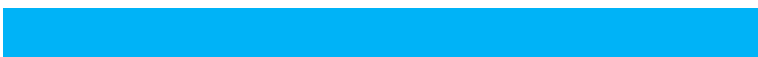
172B6E



323738



005778



00B3F7



# Previews

## White Background



This preview shows how the Hex color 6E2F17 looks on a white background.

## Color Contrast Check

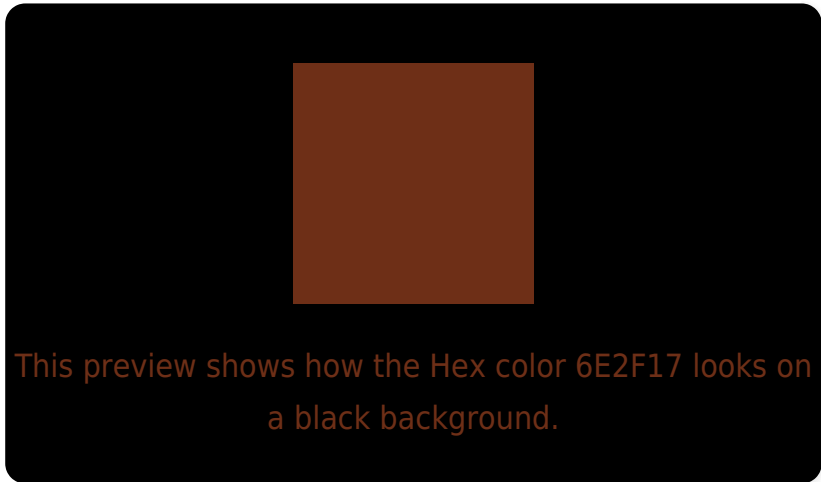
Large Text (above 18pt) WCAG AA ✓ Pass

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

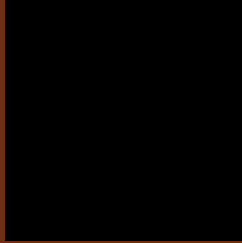
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E2F17 Background



This preview shows how black text looks on a background with the Hex color 6E2F17.



This preview shows how white text looks on a background with the Hex color 6E2F17.

# 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**  
6E2F17

**Protanopia**  
4A431D

**Deuteranopia**  
543F12



**Tritanopia**  
6F2C2F

# Trichromacy



**Original Color**  
6E2F17

**Protanomaly**  
573C1B

**Deuteranomaly**  
5D3914

**Tritanomaly**  
6F2D26

# Monochromacy



**Original Color**  
6E2F17

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
503930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E2F17 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 #6E2F17 looks like.

```
.text, #text, p{  
    color:#6E2F17  
}
```

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 #6E2F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2F17
}
```

## Border

The CSS property to change the border of an element to Hex 6E2F17 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".

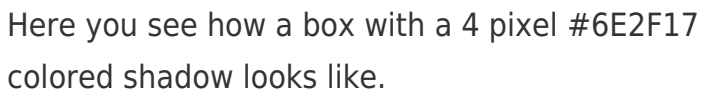
```
.border, #border, table{ border:4px solid
#6E2F17 }
```

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

```
.border{ border-color:#6E2F17 }
```

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

Here you see how a box with a 4 pixel #6E2F17 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2F17; -webkit-box-shadow:4px 4px  
4px 4px #6E2F17; box-shadow:4px 4px 4px  
4px #6E2F17 }
```

# Background

The CSS property to change the background color of an element to Hex 6E2F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2F17 }
```

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

```
.background{ background-color:#6E2F17 }
```

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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