

# Converting Colors

Hex(6B391E)

Have a look what the booklet for  
Hex(6B391E) contains.

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**Color**

**Hex(6B391E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B391E
RGB	107, 57, 30
RGB Percent	42%, 22%, 12%
CMY	0.5804, 0.7765, 0.8824
CMYK	0.00, 0.47, 0.72, 0.58
HSL	21°, 56%, 27%
HSV	21°, 72%, 42%
XYZ	7.7609, 6.1458, 2.0055
YIQ	68.8720, 38.4670, 2.2030

# Conversions

## Conversions Part 2

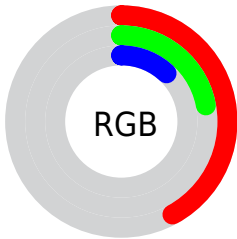
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 72, 30
Decimal	7026974
CIE <sub>Lab</sub>	29.78, 19.60, 26.11
CIE <sub>LCh</sub>	30, 32.647, 53.102
Yxy	6.1458, 0.4877, 0.3862
Android (android.graphics.Color)	4285217054 (0xFF6B391E)
YUV	68.8720, -19.1639, 33.4383
Hunter-Lab	24.7907, 12.4967, 12.5571

# Details

The Hex color **6B391E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1E506B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A2694B**, and **370D00** is the 20% darker color. If you saturate the color by 10%, you get **6B3213**, and if you desaturate by 10%, it is **6B4029**.

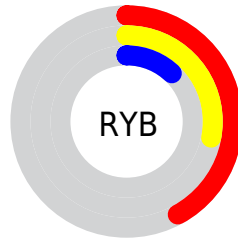
# Distribution



Red (42%)

Green (22%)

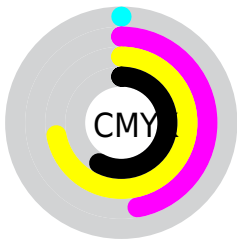
Blue (12%)



Red (42%)

Yellow (28%)

Blue (12%)

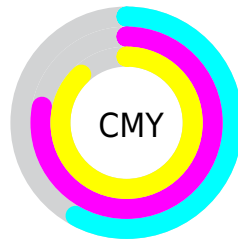


Cyan (0%)

Magenta (47%)

Yellow (72%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B391E 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 6B391E by changing the saturation by 10% instead.



 6B391E

 6B391E

FFFFFF

 512307

 A2694B

 370D00

 BE8263

 200001

 DB9C7C

 000000

 F9B796

 FFD3B1

 FFEFCD

 FFFFEE9

 6B391E

 6B391E

■ 6B3213

■ 6B4029

■ 6B2B09

■ 6B4733

■ 6B2600

■ 6B4E3E

■ 6B5549

■ 6B5C54

■ 6B635E

■ 6B6A69

■ 6B7174

■ 6B787E

# Harmonies

## Analogous

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



743134



6B391E



594311

# Triad

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



6B391E



00523F



3D4275

# Complementary

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



6B391E



1E506B

# 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.



004B78



6B391E



005259

# Square

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



6B391E



215026



00506E



5F3765

# Rectangle

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



6B391E



494811



00506E



2C4578



# Sweetspot

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



6B391E



8C786D



6B1E50



473B35



C7C7C7



474747



# Same Dimension

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



6B391E



8C3E14



6B5F1E



363230



752900



F55600



# Inverse Universe

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



1E506B



14628C



1E2A6B



303436



004C75



009FF5



# Previews

## White Background



This preview shows how the Hex color 6B391E looks on a white background.

## Color Contrast Check

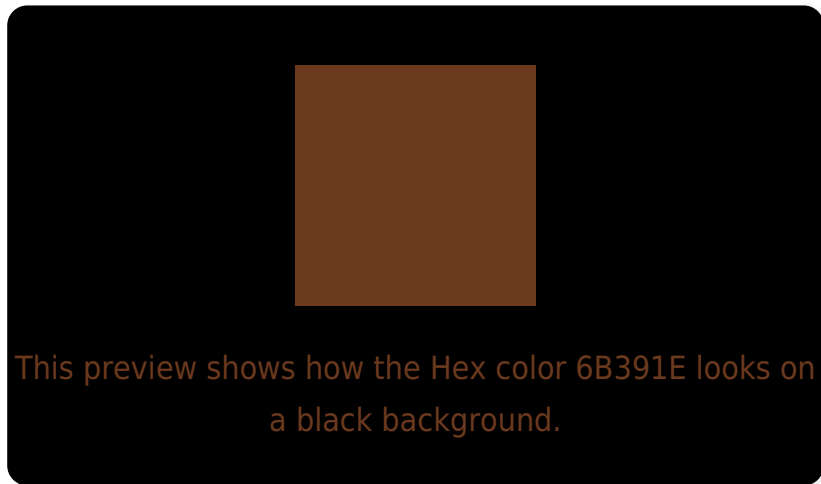
Large Text (above 18pt) WCAG AA ✓ Pass

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

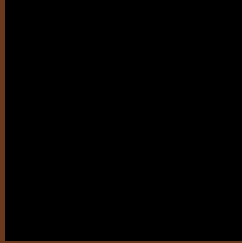
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B391E Background



This preview shows how black text looks on a background with the Hex color 6B391E.



This preview shows how white text looks on a background with the Hex color 6B391E.

# 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**  
6B391E

**Protanopia**  
4E4722

**Deuteranopia**  
58431B



**Tritanopia**  
6C363A

# Trichromacy



**Original Color**  
6B391E

**Protanomaly**  
594221

**Deuteranomaly**  
5F3F1C

**Tritanomaly**  
6C3730

# Monochromacy



**Original Color**  
6B391E

**Achromatopsia**  
454545

**Achromatomaly**  
534137

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B391E 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 #6B391E looks like.

```
.text, #text, p{  
    color:#6B391E  
}
```

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 #6B391E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B391E
}
```

## Border

The CSS property to change the border of an element to Hex 6B391E is called "border". The border property can be set on classes, ids or directly on the HTML element.

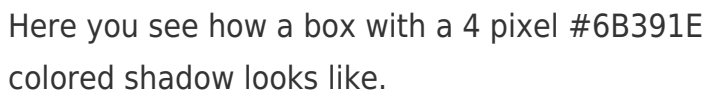
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B391E }
```

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

```
.border{ border-color:#6B391E }
```

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



Here you see how a box with a 4 pixel #6B391E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B391E; -webkit-box-shadow:4px 4px  
4px 4px #6B391E; box-shadow:4px 4px 4px  
4px #6B391E }
```

# Background

The CSS property to change the background color of an element to Hex 6B391E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B391E }
```

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

```
.background{ background-color:#6B391E }
```

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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