

# Converting Colors

Hex(6A5A1F)

Have a look what the booklet for  
Hex(6A5A1F) contains.

<b>Hex(6A5A1F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6A5A1F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A5A1F
RGB	106, 90, 31
RGB Percent	42%, 35%, 12%
CMY	0.5843, 0.6471, 0.8784
CMYK	0.00, 0.15, 0.71, 0.58
HSL	47°, 55%, 27%
HSV	47°, 71%, 42%
XYZ	9.8473, 10.4754, 2.7993
YIQ	88.0580, 28.4750, -14.9570

# Conversions

## Conversions Part 2

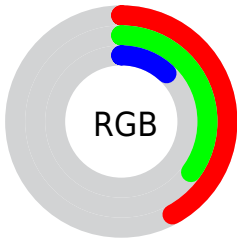
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 106, 31
Decimal	6969887
CIELab	38.68, -0.87, 35.25
CIElCh	39, 35.263, 91.406
Yxy	10.4754, 0.4259, 0.4530
Android (android.graphics.Color)	4285159967 (0xFF6A5A1F)
YUV	88.0580, -28.1296, 15.7351
Hunter-Lab	32.3658, -2.3311, 17.5281

# Details

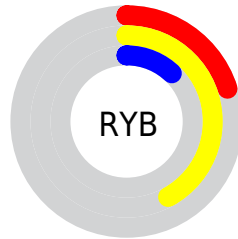
The Hex color **6A5A1F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1F2F6A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A08C4F**, and **382D00** is the 20% darker color. If you saturate the color by 10%, you get **6A5814**, and if you desaturate by 10%, it is **6A5C2A**.

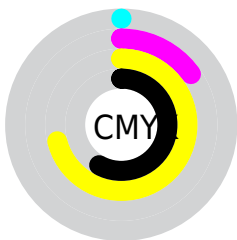
# Distribution



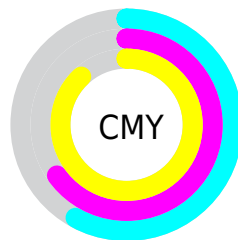
- Red (42%)
- Green (35%)
- Blue (12%)



- Red (20%)
- Yellow (42%)
- Blue (12%)



- Cyan (0%)
- Magenta (15%)
- Yellow (71%)
- Black (58%)



- Cyan (58%)
- Magenta (65%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A5A1F 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 6A5A1F by changing the saturation by 10% instead.



 6A5A1F

 6A5A1F

FFFFFF

 504306

 A08C4F

 382D00

 BBA667

 201800

 D8C181

 000000

 F5DD9B

 FFF9B7

 FFFFD2

 FFFFEE

 6A5A1F

 6A5A1F

■ 6A5814

■ 6A5C2A

■ 6A550A

■ 6A5F34

■ 6A5300

■ 6A613F

■ 6A6349

■ 6A6554

■ 6A685F

■ 6A6A69

■ 6A6C74

■ 6A6E7E

# Harmonies

## Analogous

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



815029



6A5A1F



4D6228

# Triad

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



6A5A1F



006978



7F4877

# Complementary

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



6A5A1F



1F2F6A

# 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.



5E538C



6A5A1F



00658D

# Square

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



6A5A1F



00695C



245E94



8F425B

# Rectangle

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



6A5A1F



356636



245E94



764B7F



# Sweetspot

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



6A5A1F



8A846D



6A1F2F



454134



C4C4C4



454545



# Same Dimension

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



6A5A1F



8A7115



556A1F



363430



755C00



F5C100



# Inverse Universe

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



1F2F6A



152E8A



341F6A



303136



001975



0034F5



# Previews

## White Background



This preview shows how the Hex color 6A5A1F looks on a white background.

## Color Contrast Check

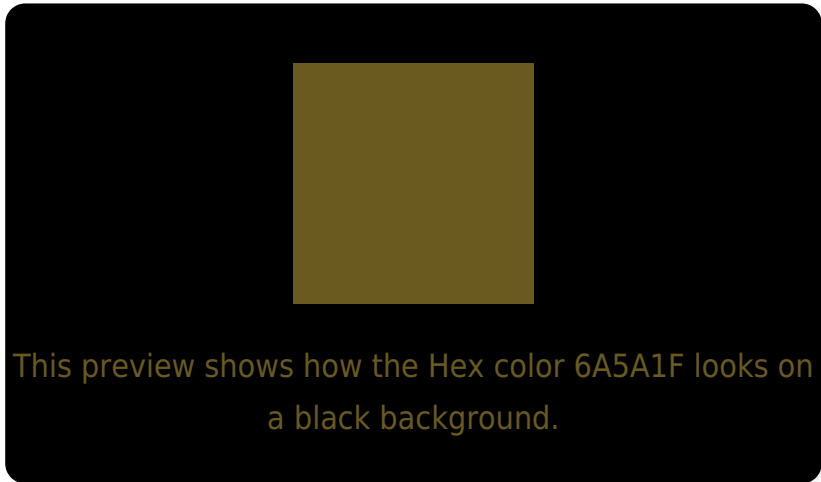
Large Text (above 18pt) WCAG AA ✓ Pass

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

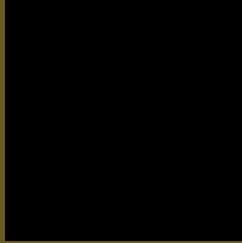
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A5A1F Background



This preview shows how black text looks on a background with the Hex color 6A5A1F.



This preview shows how white text looks on a background with the Hex color 6A5A1F.

# 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**

6A5A1F

**Protanopia**

665B1F

**Deuteranopia**

725720



**Tritanopia**  
6F545B

# Trichromacy



**Original Color**  
6A5A1F

**Protanomaly**  
675B1F

**Deuteranomaly**  
6F5820

**Tritanomaly**  
6D5645

# Monochromacy



**Original Color**  
6A5A1F

**Achromatopsia**  
585858

**Achromatomaly**  
5F5943

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A5A1F 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 #6A5A1F looks like.

```
.text, #text, p{  
    color:#6A5A1F  
}
```

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 #6A5A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5A1F
}
```

## Border

The CSS property to change the border of an element to Hex 6A5A1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

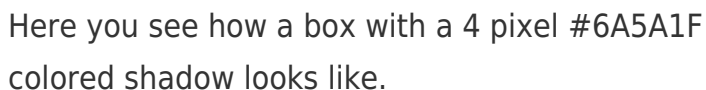
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5A1F }
```

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

```
.border{ border-color:#6A5A1F }
```

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



Here you see how a box with a 4 pixel #6A5A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5A1F; -webkit-box-shadow:4px 4px  
4px 4px #6A5A1F; box-shadow:4px 4px 4px  
4px #6A5A1F }
```

# Background

The CSS property to change the background color of an element to Hex 6A5A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5A1F }
```

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

```
.background{ background-color:#6A5A1F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor