

# Converting Colors

Hex(5A3F07)

Have a look what the booklet for  
Hex(5A3F07) contains.

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**Color**

**Hex(5A3F07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A3F07
RGB	90, 63, 7
RGB Percent	35%, 25%, 3%
CMY	0.6471, 0.7529, 0.9725
CMYK	0.00, 0.30, 0.92, 0.65
HSL	40°, 86%, 19%
HSV	40°, 92%, 35%
XYZ	6.0323, 5.7440, 0.9918
YIQ	64.6890, 34.0680, -11.6920

# Conversions

## Conversions Part 2

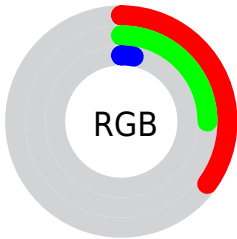
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 90, 7
Decimal	5914375
CIELab	28.76, 6.52, 35.40
CIELCh	29, 35.995, 79.558
Yxy	5.7440, 0.4725, 0.4499
Android (android.graphics.Color)	4284104455 (0xFF5A3F07)
YUV	64.6890, -28.4407, 22.1977
Hunter-Lab	23.9667, 2.9860, 14.3232

# Details

The Hex color **5A3F07** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **07225A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **906E37**, and **281500** is the 20% darker color. If you saturate the color by 10%, you get **5A3D00**, and if you desaturate by 10%, it is **5A4210**.

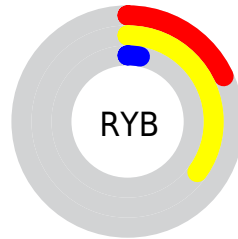
# Distribution



Red (35%)

Green (25%)

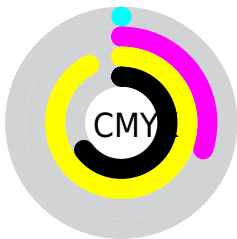
Blue (3%)



Red (18%)

Yellow (35%)

Blue (3%)

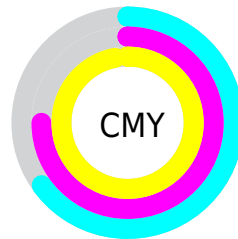


Cyan (0%)

Magenta (30%)

Yellow (92%)

Black (65%)



Cyan (65%)

Magenta (75%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A3F07 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 5A3F07 by changing the saturation by 10% instead.



 5A3F07

 5A3F07

 FFFFEF

 412900

 906E37

 281500

 AB884F

 030000

 C8A268

 000000

 E5BD81

 FFD99C

 FFF5B7

 FFFFD3

 5A3F07

 5A3F07

■ 5A3D00

■ 5A4210

■ 5A4519

■ 5A4822

■ 5A4B2B

■ 5A4E34

■ 5A513D

■ 5A5346

■ 5A564F

■ 5A5958

# Harmonies

## Analogous

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



6D341A



5A3F07



404808

# Triad

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



5A3F07



005156



5C3468

# Complementary

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



5A3F07



07225A

# 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.



314078



5A3F07



004F6E

# Square

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



5A3F07



005039



004A7A



712A4F

# Rectangle

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



5A3F07



2B4C15



004A7A



50386F



# Sweetspot

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



5A3F07



756B54



5A0723



3B3427



BABABA



3B3B3B



# Same Dimension

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



5A3F07



754F00



4C5A07



2E2C29



6E4A00



EDA000



# Inverse Universe

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



07225A



002675



15075A



292B2E



00246E

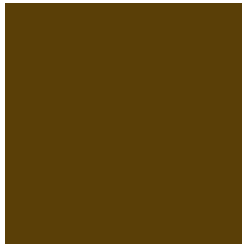


004DED



# Previews

## White Background



This preview shows how the Hex color 5A3F07 looks on a white background.

## Color Contrast Check

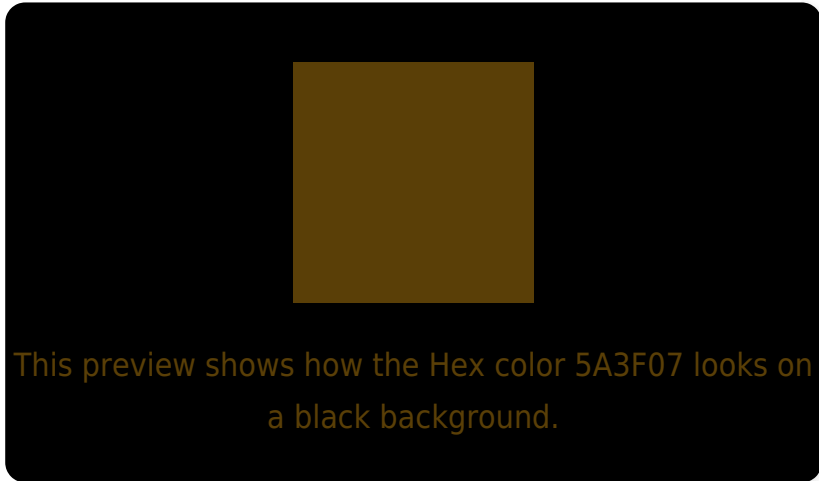
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A3F07 Background



This preview shows how black text looks on a background with the Hex color 5A3F07.



This preview shows how white text looks on a background with the Hex color 5A3F07.

# 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](#).

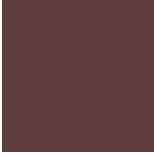
## Dichromacy



**Original Color**  
5A3F07

**Protanopia**  
4D4409

**Deuteranopia**  
564104



**Tritanopia**  
5D3B3F

# Trichromacy



**Original Color**  
5A3F07

**Protanomaly**  
524208

**Deuteranomaly**  
574005

**Tritanomaly**  
5C3C2B

# Monochromacy



**Original Color**  
5A3F07

**Achromatopsia**  
414141

**Achromatomaly**  
4A402C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A3F07 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 #5A3F07 looks like.

```
.text, #text, p{  
    color:#5A3F07  
}
```

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 #5A3F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3F07
}
```

## Border

The CSS property to change the border of an element to Hex 5A3F07 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".

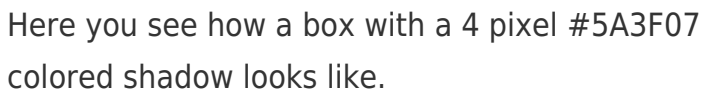
```
.border, #border, table{ border:4px solid
#5A3F07 }
```

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

```
.border{ border-color:#5A3F07 }
```

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

Here you see how a box with a 4 pixel #5A3F07 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3F07; -webkit-box-shadow:4px 4px  
4px 4px #5A3F07; box-shadow:4px 4px 4px  
4px #5A3F07 }
```

# Background

The CSS property to change the background color of an element to Hex 5A3F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3F07 }
```

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

```
.background{ background-color:#5A3F07 }
```

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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