

Converting Colors

Hex(5A4017)

Have a look what the booklet for
Hex(5A4017) contains.

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Color

Hex(5A4017)

Conversions

Conversions Part 1

Format	Color
Hex	5A4017
RGB	90, 64, 23
RGB Percent	35%, 25%, 9%
CMY	0.6471, 0.7490, 0.9098
CMYK	0.00, 0.29, 0.74, 0.65
HSL	37°, 59%, 22%
HSV	37°, 74%, 35%
XYZ	6.2045, 5.9023, 1.6229
YIQ	67.1000, 28.6570, -7.2390

Conversions

Conversions Part 2

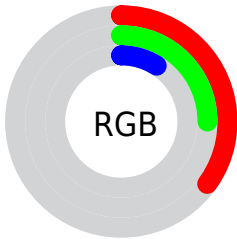
Format	Color
RYB	65, 90, 23
Decimal	5914647
CIELab	29.16, 6.65, 28.65
CIElCh	29, 29.412, 76.937
Yxy	5.9023, 0.4519, 0.4299
Android (android.graphics.Color)	4284104727 (0xFF5A4017)
YUV	67.1000, -21.7413, 20.0833
Hunter-Lab	24.2947, 3.0706, 13.0458

Details

The Hex color **5A4017** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17315A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8F7044**, and **291600** is the 20% darker color. If you saturate the color by 10%, you get **5A3D0E**, and if you desaturate by 10%, it is **5A4320**.

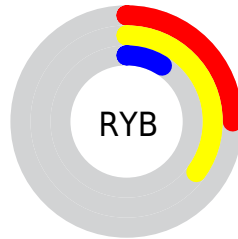
Distribution



 Red (35%)

 Green (25%)

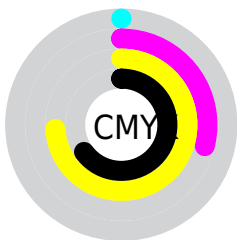
 Blue (9%)



 Red (25%)

 Yellow (35%)

 Blue (9%)

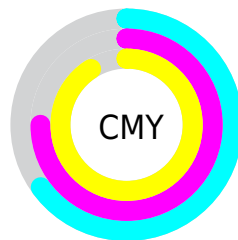


 Cyan (0%)

 Magenta (29%)

 Yellow (74%)

 Black (65%)



 Cyan (65%)

 Magenta (75%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4017 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 5A4017 by changing the saturation by 10% instead.



5A4017



5A4017

FFFFFFE



412A00



8F7044



291600



AA895C



080000



C6A375



000000



E3BE8F



FFDAAA



FFF6C5



FFFFE1



5A4017



5A4017

■ 5A3D0E

■ 5A4320

■ 5A3905

■ 5A4729

■ 5A3700

■ 5A4A32

■ 5A4E3B

■ 5A5144

■ 5A554D

■ 5A5856

■ 5A5C5F

■ 5A5F68

Harmonies

Analogous

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



693724



5A4017



454817

Triad

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



5A4017



005051



573964

Complementary

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



5A4017



17315A

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.



354370



5A4017



004E65

Square

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



5A4017



004F3A



004A71



6A3250

Rectangle

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



5A4017



354B1F



004A71



4D3D69

Sweetspot

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



5A4017



756B5B



5A1732



3B352B



BABABA



3B3B3B

Same Dimension

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



5A4017



754D0D



535A17



2E2C29



6E4300



ED9100

Inverse Universe

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



17315A



0D3575



1E175A



292B2E



002B6E



005CED

Previews

White Background



This preview shows how the Hex color 5A4017 looks on a white background.

Color Contrast Check

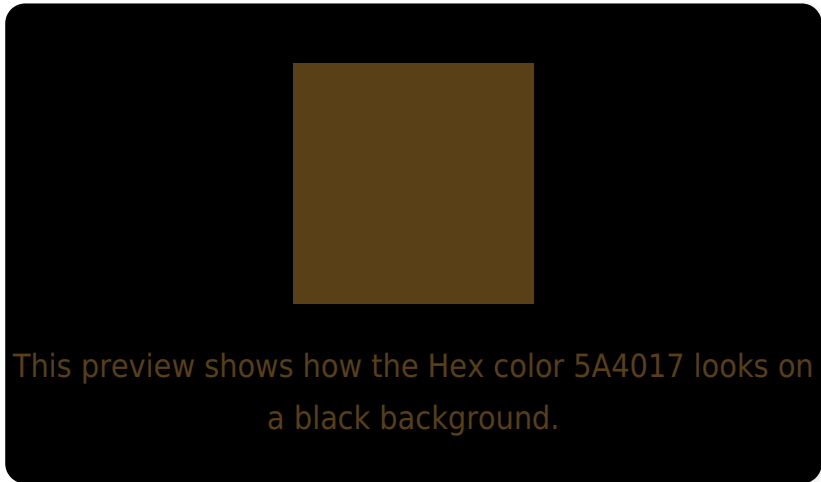
Large Text (above 18pt) WCAG AA ✓ Pass

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

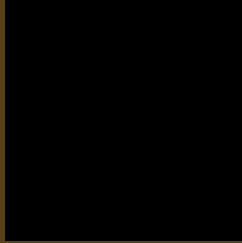
Any Text WCAG AA × Fail

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 5A4017 Background



This preview shows how black text looks on a background with the Hex color 5A4017.



This preview shows how white text looks on a background with the Hex color 5A4017.

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
5A4017

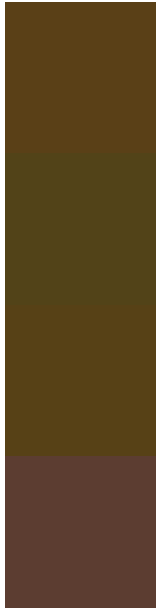
Protanopia
4D4518

Deuteranopia
564216



Tritanopia
5D3C40

Trichromacy



Original Color
5A4017

Protanomaly
524318

Deuteranomaly
574116

Tritanomaly
5C3D31

Monochromacy



Original Color
5A4017

Achromatopsia
434343

Achromatomaly
4B4233

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4017 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 #5A4017 looks like.

```
.text, #text, p{  
    color:#5A4017  
}
```

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 #5A4017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4017
}
```

Border

The CSS property to change the border of an element to Hex 5A4017 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".

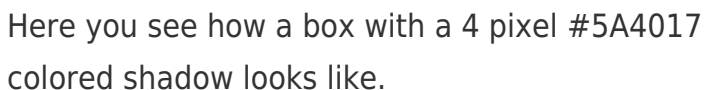
```
.border, #border, table{ border:4px solid
#5A4017 }
```

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

```
.border{ border-color:#5A4017 }
```

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

Here you see how a box with a 4 pixel #5A4017 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4017; -webkit-box-shadow:4px 4px  
4px 4px #5A4017; box-shadow:4px 4px 4px  
4px #5A4017 }
```

Background

The CSS property to change the background color of an element to Hex 5A4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4017 }
```

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

```
.background{ background-color:#5A4017 }
```

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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