

Converting Colors

Hex(5A4A1D)

Have a look what the booklet for
Hex(5A4A1D) contains.

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Color

Hex(5A4A1D)

Conversions

Conversions Part 1

Format	Color
Hex	5A4A1D
RGB	90, 74, 29
RGB Percent	35%, 29%, 11%
CMY	0.6471, 0.7098, 0.8863
CMYK	0.00, 0.18, 0.68, 0.65
HSL	44°, 51%, 23%
HSV	44°, 68%, 35%
XYZ	6.8870, 7.1599, 2.1814
YIQ	73.6540, 23.9810, -10.6030

Conversions

Conversions Part 2

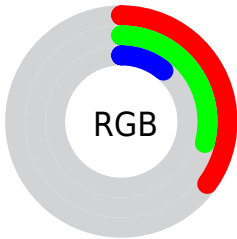
Format	Color
RYB	51, 90, 29
Decimal	5917213
CIELab	32.17, 0.83, 28.73
CIELCh	32, 28.741, 88.350
Yxy	7.1599, 0.4244, 0.4412
Android (android.graphics.Color)	4284107293 (0xFF5A4A1D)
YUV	73.6540, -22.0144, 14.3354
Hunter-Lab	26.7580, -0.8841, 13.8971

Details

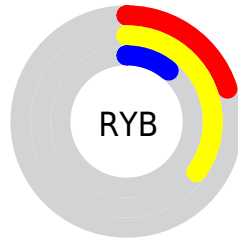
The Hex color **5A4A1D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1D2D5A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8E7A4B**, and **2A1F00** is the 20% darker color. If you saturate the color by 10%, you get **5A4814**, and if you desaturate by 10%, it is **5A4C26**.

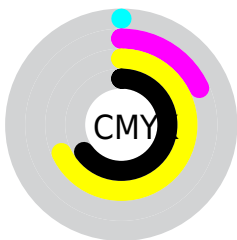
Distribution



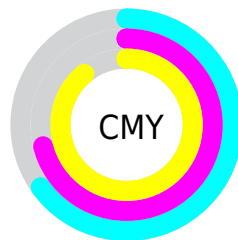
- Red (35%)
- Green (29%)
- Blue (11%)



- Red (20%)
- Yellow (35%)
- Blue (11%)



- Cyan (0%)
- Magenta (18%)
- Yellow (68%)
- Black (65%)



- Cyan (65%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4A1D 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 5A4A1D by changing the saturation by 10% instead.

 5A4A1D

 5A4A1D

FFFFFF

 413405

 8E7A4B

 2A1F00

 A99463

 0E0700

 C5AF7D

 000000

 E2CA97

 FFE6B2

 FFFFCD

 FFFF99

 5A4A1D

 5A4A1D

■ 5A4814

■ 5A4C26

■ 5A450B

■ 5A4F2F

■ 5A4302

■ 5A5138

■ 5A4200

■ 5A5341

■ 5A564A

■ 5A5853

■ 5A5B5C

■ 5A5D65

■ 5A5F6E

Harmonies

Analogous

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



6B4226



5A4A1D



435122

Triad

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



5A4A1D



005760



663E64

Complementary

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



5A4A1D



1D2D5A

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.



4B4673



5A4A1D



005472

Square

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



5A4A1D



00574A



1E4E79



74394E

Rectangle

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



5A4A1D



31542D



1E4E79



5F406A

Sweetspot

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



5A4A1D



756F5E



5A1D2D



3B372D



BABABA



3B3B3B

Same Dimension

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



5A4A1D



755C16



4C5A1D



2E2D29



6E5100



EDAF00

Inverse Universe

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



1D2D5A



162F75



2B1D5A



292B2E



001D6E



003EED

Previews

White Background



This preview shows how the Hex color 5A4A1D looks on a white background.

Color Contrast Check

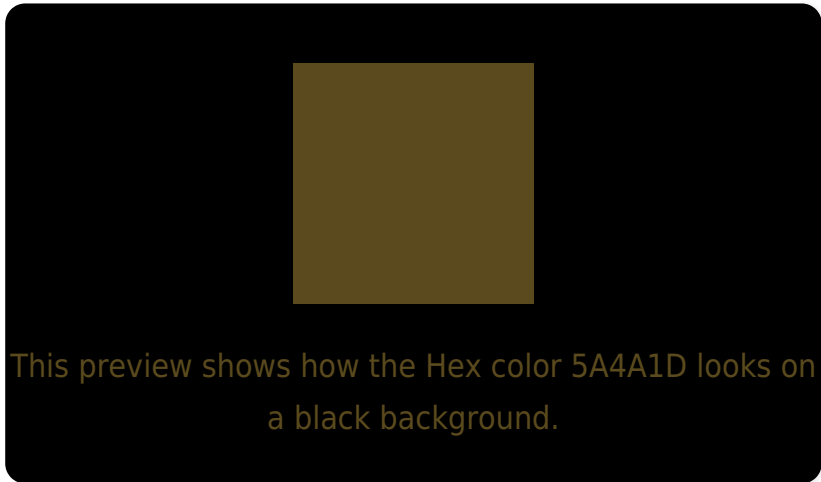
Large Text (above 18pt) WCAG AA ✓ Pass

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

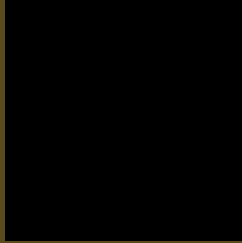
Any Text WCAG AA × Fail

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 5A4A1D Background



This preview shows how black text looks on a background with the Hex color 5A4A1D.



This preview shows how white text looks on a background with the Hex color 5A4A1D.

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

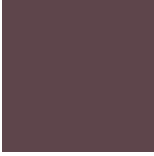
5A4A1D

Protanopia

554C1E

Deuteranopia

5E481E



Tritanopia
5E454B

Trichromacy



Original Color
5A4A1D

Protanomaly
574B1E

Deuteranomaly
5D491E

Tritanomaly
5D473A

Monochromacy



Original Color
5A4A1D

Achromatopsia
4A4A4A

Achromatomaly
504A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4A1D 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 #5A4A1D looks like.

```
.text, #text, p{  
    color:#5A4A1D  
}
```

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 #5A4A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4A1D
}
```

Border

The CSS property to change the border of an element to Hex 5A4A1D 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".

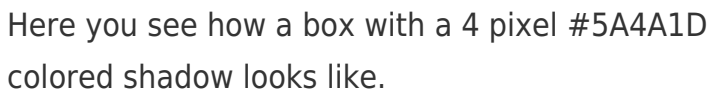
```
.border, #border, table{ border:4px solid
#5A4A1D }
```

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

```
.border{ border-color:#5A4A1D }
```

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

Here you see how a box with a 4 pixel #5A4A1D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4A1D; -webkit-box-shadow:4px 4px  
4px 4px #5A4A1D; box-shadow:4px 4px 4px  
4px #5A4A1D }
```

Background

The CSS property to change the background color of an element to Hex 5A4A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4A1D }
```

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

```
.background{ background-color:#5A4A1D }
```

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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