

Converting Colors

Hex(5A4C18)

Have a look what the booklet for
Hex(5A4C18) contains.

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Color

Hex(5A4C18)

Conversions

Conversions Part 1

Format	Color
Hex	5A4C18
RGB	90, 76, 24
RGB Percent	35%, 30%, 9%
CMY	0.6471, 0.7020, 0.9059
CMYK	0.00, 0.16, 0.73, 0.65
HSL	47°, 58%, 22%
HSV	47°, 73%, 35%
XYZ	6.9658, 7.4085, 1.9270
YIQ	74.2580, 25.0360, -13.2040

Conversions

Conversions Part 2

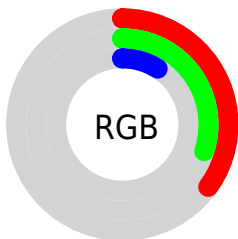
Format	Color
R_{YB}	42, 90, 24
Decimal	5917720
CIE Lab	32.72, -0.76, 31.88
CIE LCh	33, 31.888, 91.359
Yxy	7.4085, 0.4273, 0.4545
Android (android.graphics.Color)	4284107800 (0xFF5A4C18)
YUV	74.2580, -24.7772, 13.8057
Hunter-Lab	27.2185, -1.9508, 14.8554

Details


The Hex color **5A4C18** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **18265A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8E7D46**, and **292000** is the 20% darker color. If you saturate the color by 10%, you get **5A4A0F**, and if you desaturate by 10%, it is **5A4E21**.

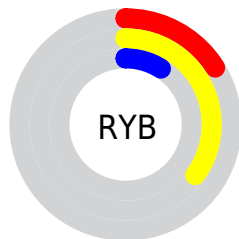
Distribution



 Red (35%)

 Green (30%)

 Blue (9%)




 Red (16%)

 Yellow (35%)

 Blue (9%)

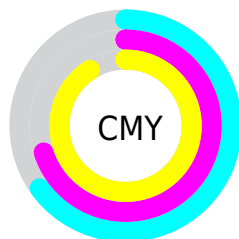



 Cyan (0%)


 Magenta (16%)

 Yellow (73%)

 Black (65%)



 Cyan (65%)

 Magenta (70%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4C18 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 5A4C18 by changing the saturation by 10% instead.



5A4C18



5A4C18

FFFFFF



413500



8E7D46



292000



AA965F



0D0A00



C6B178



000000



E2CC92



FFE9AD



FFFFC8



FFFFE5



5A4C18



5A4C18

■ 5A4A0F

■ 5A4E21

■ 5A4806

■ 5A502A

■ 5A4700

■ 5A5233

■ 5A543C

■ 5A5645

■ 5A574E

■ 5A5957

■ 5A5B60

■ 5A5D69

Harmonies

Analogous

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



6E4321



5A4C18



405320

Triad

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



5A4C18



005966



6D3C65

Complementary

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



5A4C18



18265A

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.



504678



5A4C18



005679

Square

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



5A4C18



00594D



1B4F7F



7A374D

Rectangle

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



5A4C18



2B562C



1B4F7F



653F6D

Sweetspot

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



5A4C18



75705B



5A1826



3B372B



BABABA



3B3B3B

Same Dimension

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



5A4C18



755F0E



475A18



2E2D29



6E5600



EDBB00

Inverse Universe

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



18265A



0E2475



2B185A



292A2E



00176E



0032ED

Previews

White Background



This preview shows how the Hex color 5A4C18 looks on a white background.

Color Contrast Check

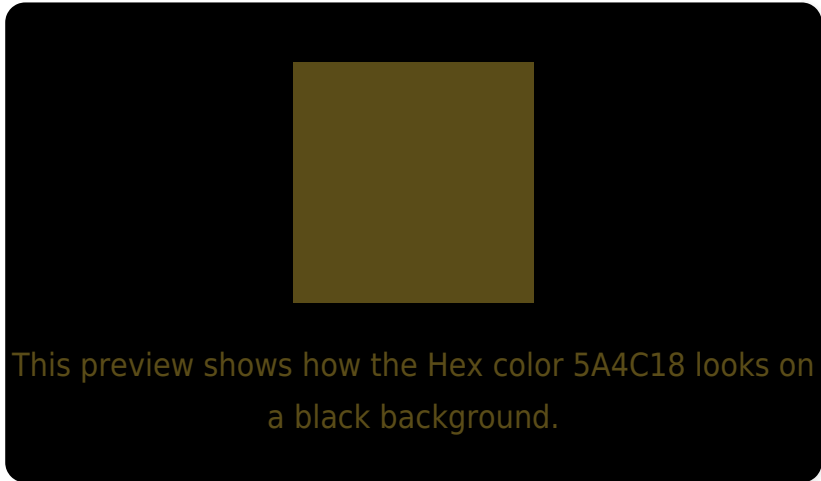
Large Text (above 18pt) WCAG AA ✓ Pass

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

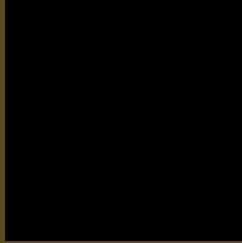
Any Text WCAG AA × Fail

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 5A4C18 Background



This preview shows how black text looks on a background with the Hex color 5A4C18.



This preview shows how white text looks on a background with the Hex color 5A4C18.

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
5A4C18

Protanopia
564D18

Deuteranopia
614919



Tritanopia
5E474C

Trichromacy



Original Color
5A4C18

Protanomaly
574D18

Deuteranomaly
5E4A19

Tritanomaly
5D4939

Monochromacy



Original Color
5A4C18

Achromatopsia
4A4A4A

Achromatomaly
504B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4C18 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 #5A4C18 looks like.

```
.text, #text, p{  
    color:#5A4C18  
}
```

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 #5A4C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4C18
}
```

Border

The CSS property to change the border of an element to Hex 5A4C18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

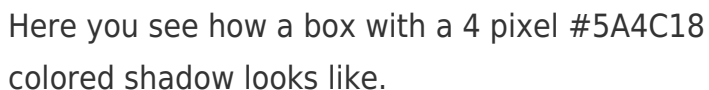
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4C18 }
```

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

```
.border{ border-color:#5A4C18 }
```

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



Here you see how a box with a 4 pixel #5A4C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4C18; -webkit-box-shadow:4px 4px  
4px 4px #5A4C18; box-shadow:4px 4px 4px  
4px #5A4C18 }
```

Background

The CSS property to change the background color of an element to Hex 5A4C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4C18 }
```

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

```
.background{ background-color:#5A4C18 }
```

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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