

Converting Colors

Hex(5A4C30)

Have a look what the booklet for
Hex(5A4C30) contains.

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Color

Hex(5A4C30)

Conversions

Conversions Part 1

Format	Color
Hex	5A4C30
RGB	90, 76, 48
RGB Percent	35%, 30%, 19%
CMY	0.6471, 0.7020, 0.8118
CMYK	0.00, 0.16, 0.47, 0.65
HSL	40°, 30%, 27%
HSV	40°, 47%, 35%
XYZ	7.3344, 7.5559, 3.8682
YIQ	76.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

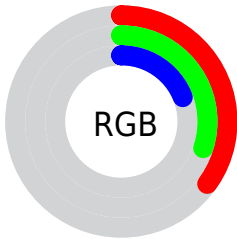
Format	Color
R _Y B	69, 90, 48
Decimal	5917744
CIE Lab	33.04, 1.49, 18.80
CIE LCh	33, 18.864, 85.477
Yxy	7.5559, 0.3910, 0.4028
Android (android.graphics.Color)	4284107824 (0xFF5A4C30)
YUV	76.9940, -14.2940, 11.4063
Hunter-Lab	27.4881, -0.4766, 10.8982

Details

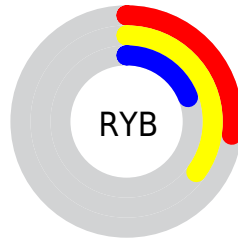
The Hex color **5A4C30** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **303E5A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8D7D5E**, and **2C2001** is the 20% darker color. If you saturate the color by 10%, you get **5A4927**, and if you desaturate by 10%, it is **5A4F39**.

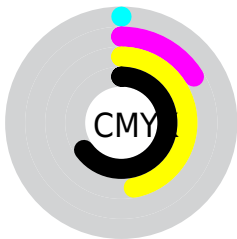
Distribution



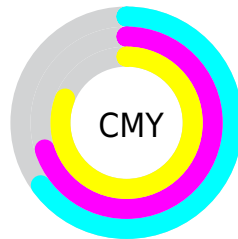
- Red (35%)
- Green (30%)
- Blue (19%)



- Red (27%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (16%)
- Yellow (47%)
- Black (65%)



- Cyan (65%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4C30 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 5A4C30 by changing the saturation by 10% instead.

 5A4C30

 5A4C30

FFFFFF

 42351B

 8D7D5E

 2C2001

 A89777

 130900

 C3B191

 000000

 E0CDAC

 FCE9C7

 FFFFE3

 5A4C30

 5A4C30

 5A4927

 5A4F39

■ 5A461E

■ 5A5242

■ 5A4315

■ 5A554B

■ 5A400C

■ 5A5854

■ 5A3D03

■ 5A5B5D

■ 5A3C00

■ 5A5E66

■ 5A616F

■ 5A6478

■ 5A6781

Harmonies

Analogous

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



654736



5A4C30



4B5132

Triad

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



5A4C30



1B565A



5E465F

Complementary

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



5A4C30



303E5A

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.



4D4B69



5A4C30



215466

Square

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



5A4C30



28564B



36506B



694351

Rectangle

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



5A4C30



3F5338



36506B



594763

Sweetspot

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



5A4C30



757065



5A303E



3B3731



BABABA



3B3B3B

Same Dimension

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



5A4C30



755F34



535A30



2E2C29



6E4900



ED9E00

Inverse Universe

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



303E5A



344A75



37305A



292B2E



00256E



004FED

Previews

White Background



This preview shows how the Hex color 5A4C30 looks on a white background.

Color Contrast Check

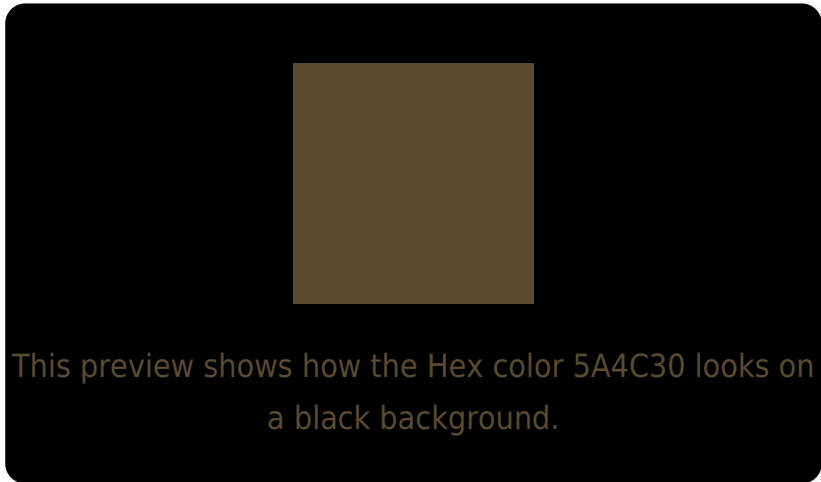
Large Text (above 18pt) WCAG AA ✓ Pass

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

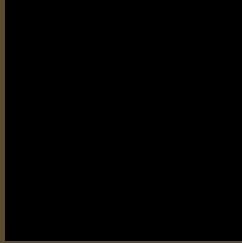
Any Text WCAG AA × Fail

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 5A4C30 Background



This preview shows how black text looks on a background with the Hex color 5A4C30.

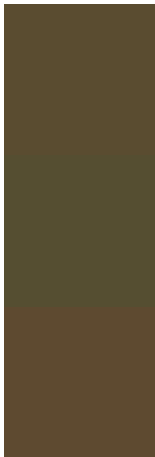


This preview shows how white text looks on a background with the Hex color 5A4C30.

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](#).

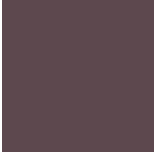
Dichromacy



Original Color
5A4C30

Protanopia
554E31

Deuteranopia
5E4A30



Tritanopia
5D484E

Trichromacy



Original Color
5A4C30

Protanomaly
574D31

Deuteranomaly
5D4B30

Tritanomaly
5C4943

Monochromacy



Original Color
5A4C30

Achromatopsia
4D4D4D

Achromatomaly
524D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4C30 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 #5A4C30 looks like.

```
.text, #text, p{  
    color:#5A4C30  
}
```

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 #5A4C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4C30
}
```

Border

The CSS property to change the border of an element to Hex 5A4C30 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".

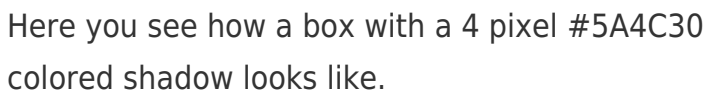
```
.border, #border, table{ border:4px solid
#5A4C30 }
```

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

```
.border{ border-color:#5A4C30 }
```

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

Here you see how a box with a 4 pixel #5A4C30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4C30; -webkit-box-shadow:4px 4px  
4px 4px #5A4C30; box-shadow:4px 4px 4px  
4px #5A4C30 }
```

Background

The CSS property to change the background color of an element to Hex 5A4C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4C30 }
```

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

```
.background{ background-color:#5A4C30 }
```

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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