

Converting Colors

Hex(5A4800)

Have a look what the booklet for
Hex(5A4800) contains.

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Color

Hex(5A4800)

Conversions

Conversions Part 1

Format	Color
Hex	5A4800
RGB	90, 72, 0
RGB Percent	35%, 28%, 0%
CMY	0.6471, 0.7176, 1.0000
CMYK	0.00, 0.20, 1.00, 0.65
HSL	48°, 100%, 18%
HSV	48°, 100%, 35%
XYZ	6.5338, 6.8084, 0.9698
YIQ	69.1740, 33.8400, -18.5760

Conversions

Conversions Part 2

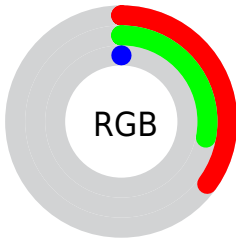
Format	Color
R_{YB}	23, 90, 0
Decimal	5916672
CIE _{Lab}	31.37, 0.66, 40.21
CIE _{LCh}	31, 40.215, 89.064
Yxy	6.8084, 0.4565, 0.4757
Android (android.graphics.Color)	4284106752 (0xFF5A4800)
YUV	69.1740, -34.1028, 18.2644
Hunter-Lab	26.0929, -0.9651, 16.0614

Details

The Hex color **5A4800** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **00125A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8F7833**, and **281D00** is the 20% darker color. If you saturate the color by 10%, you get **5A4800**, and if you desaturate by 10%, it is **5A4A09**.

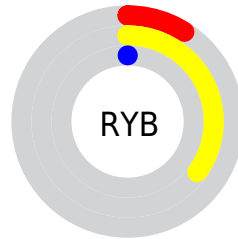
Distribution



Red (35%)

Green (28%)

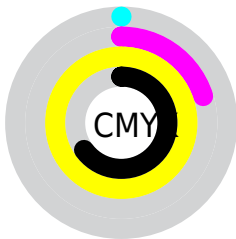
Blue (0%)



Red (9%)

Yellow (35%)

Blue (0%)

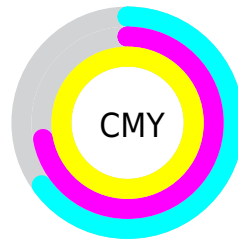


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4800 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 5A4800 by changing the saturation by 10% instead.

 5A4800

 5A4800

 FFFFED

 413200

 8F7833

 281D00

 AB924C

 090400

 C8AC65

 000000

 E5C77E

 FFE399

 FFFFB4

 FFFF00

 5A4800

 5A4A09

 5A4C12

 5A4D1B

 5A4F24

 5A512D

 5A5336

 5A553F

 5A5648

 5A5851

Harmonies

Analogous

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



723C12



5A4800



3B510B

Triad

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



5A4800



005868



6F336B

Complementary

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



5A4800



00125A

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.



474281



5A4800



005580

Square

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



5A4800



005848



004E89



802A4C

Rectangle

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



5A4800



1E551E



004E89



643873

Sweetspot

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



5A4800



756E52



5A0012



3B3626



BABABA



3B3B3B

Same Dimension

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



5A4800



755E00



3F5A00



2E2D29



6E5800



EDBE00

Inverse Universe

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



00125A



001775



1B005A



292A2E



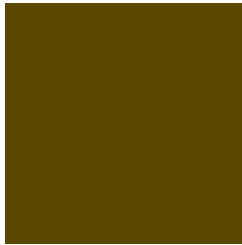
00166E



002FED

Previews

White Background



This preview shows how the Hex color 5A4800 looks on a white background.

Color Contrast Check

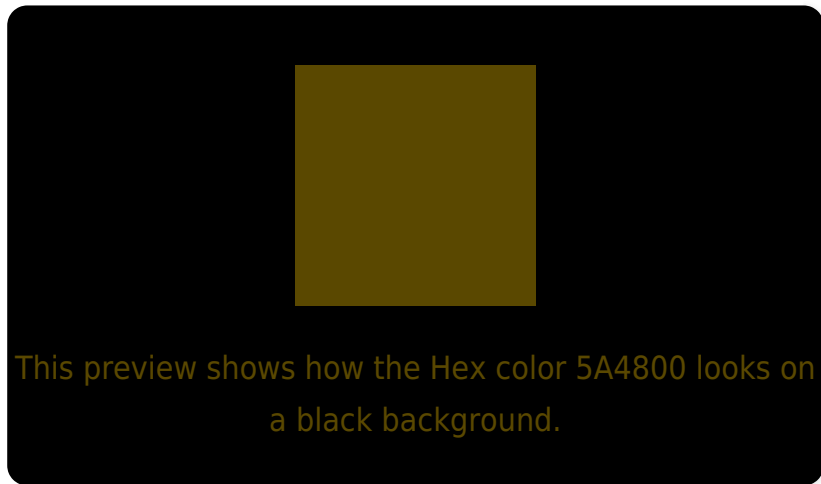
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A4800 Background



This preview shows how black text looks on a background with the Hex color 5A4800.



This preview shows how white text looks on a background with the Hex color 5A4800.

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
5A4800

Protanopia
544A04

Deuteranopia
5E4606



Tritanopia
5E4348

Trichromacy



Original Color
5A4800

Protanomaly
564903

Deuteranomaly
5D4704

Tritanomaly
5D452E

Monochromacy



Original Color
5A4800

Achromatopsia
454545

Achromatomaly
4D462C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4800 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 #5A4800 looks like.

```
.text, #text, p{  
    color:#5A4800  
}
```

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 #5A4800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4800
}
```

Border

The CSS property to change the border of an element to Hex 5A4800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

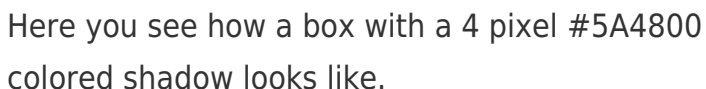
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4800 }
```

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

```
.border{ border-color:#5A4800 }
```

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

A rectangular box with a 4px #5A4800 colored shadow. The box is white with a thin black border and a dark brown shadow on its right and bottom sides.

Here you see how a box with a 4 pixel #5A4800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4800; -webkit-box-shadow:4px 4px  
4px 4px #5A4800; box-shadow:4px 4px 4px  
4px #5A4800 }
```

Background

The CSS property to change the background color of an element to Hex 5A4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4800 }
```

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

```
.background{ background-color:#5A4800 }
```

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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