

Converting Colors

Hex(5A4608)

Have a look what the booklet for
Hex(5A4608) contains.

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Color

Hex(5A4608)

Conversions

Conversions Part 1

Format	Color
Hex	5A4608
RGB	90, 70, 8
RGB Percent	35%, 27%, 3%
CMY	0.6471, 0.7255, 0.9686
CMYK	0.00, 0.22, 0.91, 0.65
HSL	45°, 84%, 19%
HSV	45°, 91%, 35%
XYZ	6.4504, 6.5715, 1.1582
YIQ	68.9120, 31.8220, -15.0420

Conversions

Conversions Part 2

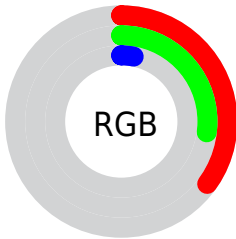
Format	Color
R_{YB}	34, 90, 8
Decimal	5916168
CIE Lab	30.81, 2.18, 36.72
CIE LCh	31, 36.788, 86.607
Yxy	6.5715, 0.4549, 0.4634
Android (android.graphics.Color)	4284106248 (0xFF5A4608)
YUV	68.9120, -30.0296, 18.4942
Hunter-Lab	25.6350, 0.0542, 15.2658

Details

The Hex color **5A4608** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **081C5A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8F7639**, and **281B00** is the 20% darker color. If you saturate the color by 10%, you get **5A4400**, and if you desaturate by 10%, it is **5A4811**.

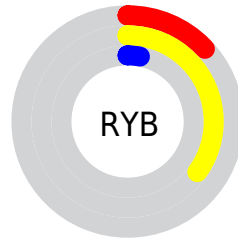
Distribution



Red (35%)

Green (27%)

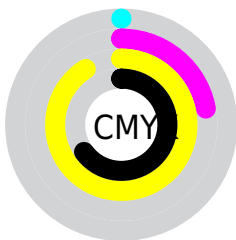
Blue (3%)



Red (13%)

Yellow (35%)

Blue (3%)

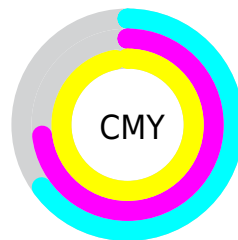


Cyan (0%)

Magenta (22%)

Yellow (91%)

Black (65%)



Cyan (65%)

Magenta (73%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4608 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 5A4608 by changing the saturation by 10% instead.

 5A4608

 5A4608

 FFFFF2

 413000

 8F7639

 281B00

 AB9051

 0A0100

 C7AA6A

 000000

 E4C584

 FFE19E

 FFFEBA

 FFFFD6

 5A4608

 5A4608

■ 5A4400

■ 5A4811

■ 5A4A1A

■ 5A4D23

■ 5A4F2C

■ 5A5135

■ 5A533E

■ 5A5547

■ 5A5850

■ 5A5A59

Harmonies

Analogous

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



6F3B18



5A4608



3E4E10

Triad

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



5A4608



005661



683669

Complementary

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



5A4608



081C5A

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.



43427C



5A4608



005378

Square

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



5A4608



005644



004D82



7A2D4D

Rectangle

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



5A4608



26521F



004D82



5E3A70

Sweetspot

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



5A4608



756E56



5A081D



3B3628



BABABA



3B3B3B

Same Dimension

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



5A4608



755900



465A08



2E2D29



6E5300



EDB300

Inverse Universe

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



081C5A



001D75



1D085A



292A2E



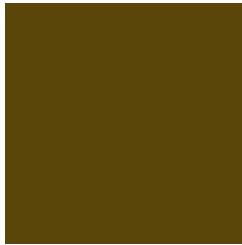
001B6E



003AED

Previews

White Background



This preview shows how the Hex color 5A4608 looks on a white background.

Color Contrast Check

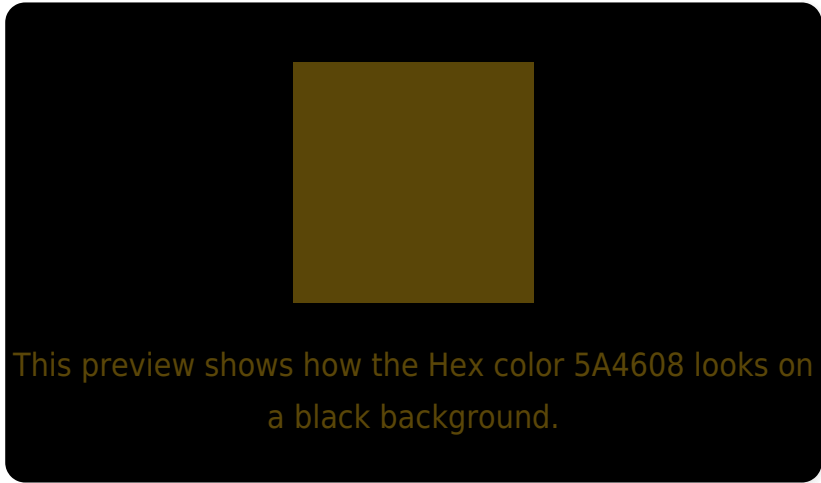
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A4608 Background



This preview shows how black text looks on a background with the Hex color 5A4608.

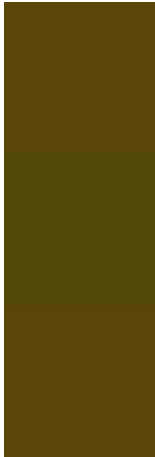


This preview shows how white text looks on a background with the Hex color 5A4608.

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
5A4608

Protanopia
524909

Deuteranopia
5C4509



Tritanopia
5D4146

Trichromacy



Original Color
5A4608

Protanomaly
554809

Deuteranomaly
5B4509

Tritanomaly
5C432F

Monochromacy



Original Color
5A4608

Achromatopsia
454545

Achromatomaly
4D452F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4608 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 #5A4608 looks like.

```
.text, #text, p{  
    color:#5A4608  
}
```

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 #5A4608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4608
}
```

Border

The CSS property to change the border of an element to Hex 5A4608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

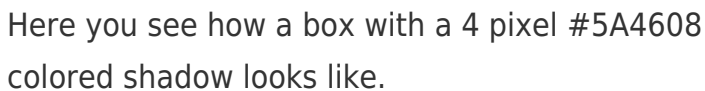
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4608 }
```

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

```
.border{ border-color:#5A4608 }
```

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



Here you see how a box with a 4 pixel #5A4608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4608; -webkit-box-shadow:4px 4px  
4px 4px #5A4608; box-shadow:4px 4px 4px  
4px #5A4608 }
```

Background

The CSS property to change the background color of an element to Hex 5A4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4608 }
```

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

```
.background{ background-color:#5A4608 }
```

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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