

Converting Colors

Hex(5A3408)

Have a look what the booklet for
Hex(5A3408) contains.

Hex(5A3408)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A3408)

Conversions

Conversions Part 1

Format	Color
Hex	5A3408
RGB	90, 52, 8
RGB Percent	35%, 20%, 3%
CMY	0.6471, 0.7961, 0.9686
CMYK	0.00, 0.42, 0.91, 0.65
HSL	32°, 84%, 19%
HSV	32°, 91%, 35%
XYZ	5.4883, 4.6472, 0.8375
YIQ	58.3460, 36.7720, -5.6280

Conversions

Conversions Part 2

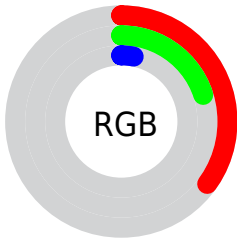
Format	Color
R_{YB}	79, 90, 8
Decimal	5911560
CIE _{Lab}	25.70, 13.49, 32.34
CIE _{LCh}	26, 35.043, 67.351
Yxy	4.6472, 0.5002, 0.4235
Android (android.graphics.Color)	4284101640 (0xFF5A3408)
YUV	58.3460, -24.8206, 27.7606
Hunter-Lab	21.5573, 7.7190, 12.7868

Details

The Hex color **5A3408** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **082E5A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **906336**, and **270900** is the 20% darker color. If you saturate the color by 10%, you get **5A3000**, and if you desaturate by 10%, it is **5A3811**.

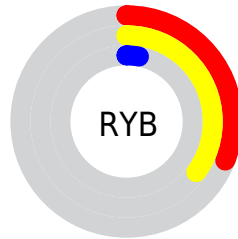
Distribution



Red (35%)

Green (20%)

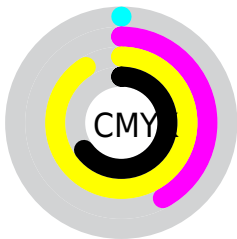
Blue (3%)



Red (31%)

Yellow (35%)

Blue (3%)

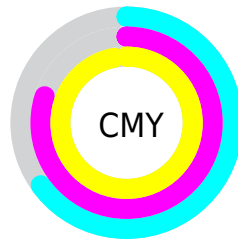


Cyan (0%)

Magenta (42%)

Yellow (91%)

Black (65%)



Cyan (65%)

Magenta (80%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3408 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 5A3408 by changing the saturation by 10% instead.

 5A3408

 5A3408

 FFFFD1

 401F00

 906336

 270900

 AC7C4E

 000000

 C99566

 E6B080

 FFCC9A

 FFE8B5

 FFFFD1

 5A3408

 5A3408

■ 5A3000

■ 5A3811

■ 5A3C1A

■ 5A4123

■ 5A452C

■ 5A4935

■ 5A4D3E

■ 5A5147

■ 5A5550

■ 5A5A59

Harmonies

Analogous

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



69291E



5A3408



443E00

Triad

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



5A3408



004943



463367

Complementary

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



5A3408



082E5A

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.



013E72



5A3408



00495D

Square

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



5A3408



004827



00456E



622752

Rectangle

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



5A3408



324207



00456E



38376C

Sweetspot

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



5A3408



756756



5A082E



3B3228



BABABA



3B3B3B

Same Dimension

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



5A3408



753F00



575A08



2E2C29



6E3B00



ED7F00

Inverse Universe

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



082E5A



003675



0B085A



292B2E



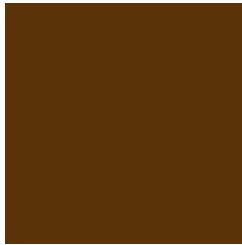
00336E



006EED

Previews

White Background



This preview shows how the Hex color 5A3408 looks on a white background.

Color Contrast Check

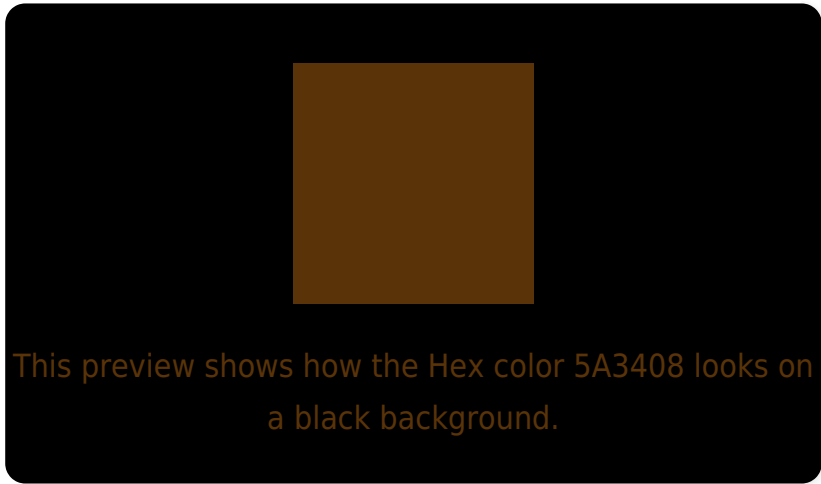
Large Text (above 18pt) WCAG AA ✓ Pass

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

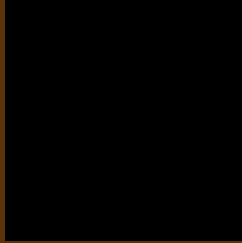
Any Text WCAG AA × Fail

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 5A3408 Background



This preview shows how black text looks on a background with the Hex color 5A3408.



This preview shows how white text looks on a background with the Hex color 5A3408.

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
5A3408

Protanopia
453E0B

Deuteranopia
4E3A00



Tritanopia
5C3034

Trichromacy



Original Color
5A3408

Protanomaly
4D3A0A

Deuteranomaly
523803

Tritanomaly
5B3124

Monochromacy



Original Color
5A3408

Achromatopsia
3A3A3A

Achromatomaly
463828

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3408 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 #5A3408 looks like.

```
.text, #text, p{  
    color:#5A3408  
}
```

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 #5A3408 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3408
}
```

Border

The CSS property to change the border of an element to Hex 5A3408 is called "border". The border property can be set on classes, ids or directly on the HTML element.

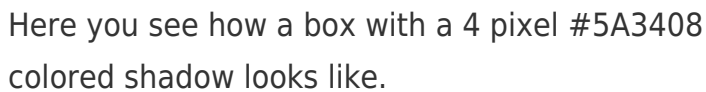
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A3408 }
```

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

```
.border{ border-color:#5A3408 }
```

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



Here you see how a box with a 4 pixel #5A3408 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3408; -webkit-box-shadow:4px 4px  
4px 4px #5A3408; box-shadow:4px 4px 4px  
4px #5A3408 }
```

Background

The CSS property to change the background color of an element to Hex 5A3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3408 }
```

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

```
.background{ background-color:#5A3408 }
```

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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