

Converting Colors

Hex(5A3E13)

Have a look what the booklet for
Hex(5A3E13) contains.

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Color

Hex(5A3E13)

Conversions

Conversions Part 1

Format	Color
Hex	5A3E13
RGB	90, 62, 19
RGB Percent	35%, 24%, 7%
CMY	0.6471, 0.7569, 0.9255
CMYK	0.00, 0.31, 0.79, 0.65
HSL	36°, 65%, 21%
HSV	36°, 79%, 35%
XYZ	6.0566, 5.6659, 1.3905
YIQ	65.4700, 30.4910, -7.4370

Conversions

Conversions Part 2

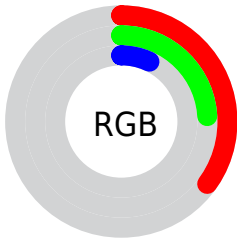
Format	Color
RYB	65, 90, 19
Decimal	5914131
CIELab	28.55, 7.67, 30.07
CIELCh	29, 31.031, 75.691
Yxy	5.6659, 0.4619, 0.4321
Android (android.graphics.Color)	4284104211 (0xFF5A3E13)
YUV	65.4700, -22.9097, 21.5128
Hunter-Lab	23.8032, 3.7629, 13.1987

Details

The Hex color **5A3E13** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **132F5A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8F6D40**, and **281400** is the 20% darker color. If you saturate the color by 10%, you get **5A3A0A**, and if you desaturate by 10%, it is **5A421C**.

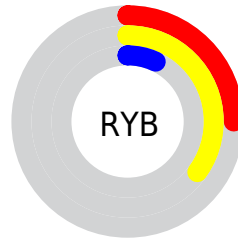
Distribution



 Red (35%)

 Green (24%)

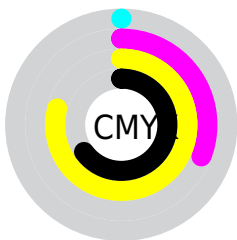
 Blue (7%)



 Red (25%)

 Yellow (35%)

 Blue (7%)

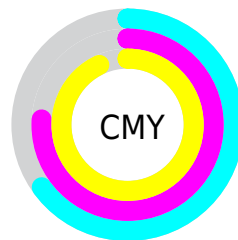


 Cyan (0%)

 Magenta (31%)

 Yellow (79%)

 Black (65%)



 Cyan (65%)

 Magenta (76%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3E13 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 5A3E13 by changing the saturation by 10% instead.

 5A3E13

 5A3E13

 FFFFFFFA

 412800

 8F6D40

 281400

 AB8758

 040000

 C7A171

 000000

 E4BC8B

 FFD8A6

 FFF4C1

 FFFFDD

 5A3E13

 5A3E13

■ 5A3A0A

■ 5A421C

■ 5A3701

■ 5A4525

■ 5A3700

■ 5A492E

■ 5A4C37

■ 5A5040

■ 5A5349

■ 5A5752

■ 5A5A5B

■ 5A5E64

Harmonies

Analogous

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



693522



5A3E13



444612

Triad

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



5A3E13



004F50



553865

Complementary

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



5A3E13



132F5A

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.



2F4271



5A3E13



004E65

Square

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



5A3E13



004E37



004972



692F50

Rectangle

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



5A3E13



334A1A



004972



4B3B6A

Sweetspot

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



5A3E13



756A59



5A132F



3B342A



BABABA



3B3B3B

Same Dimension

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



5A3E13



754906



535A13



2E2C29



6E4200



ED9000

Inverse Universe

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



132F5A



063275



1A135A



292B2E



002B6E



005EED

Previews

White Background



This preview shows how the Hex color 5A3E13 looks on a white background.

Color Contrast Check

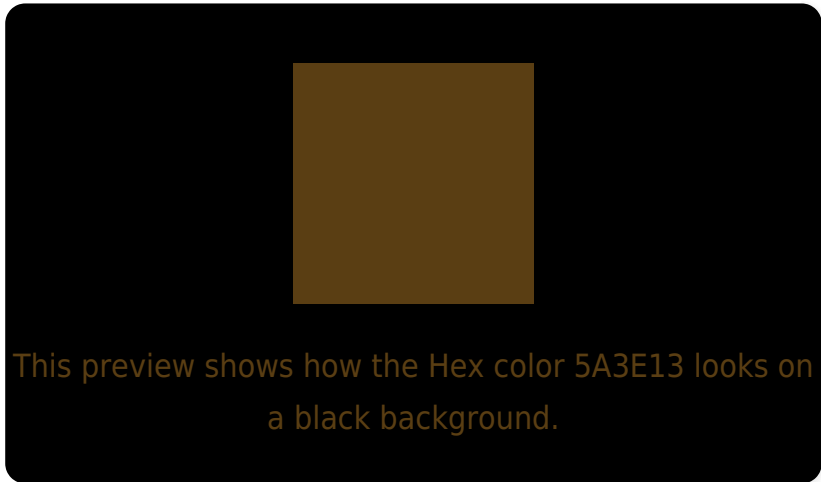
Large Text (above 18pt) WCAG AA ✓ Pass

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

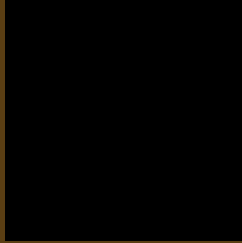
Any Text WCAG AA × Fail

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 5A3E13 Background



This preview shows how black text looks on a background with the Hex color 5A3E13.



This preview shows how white text looks on a background with the Hex color 5A3E13.

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

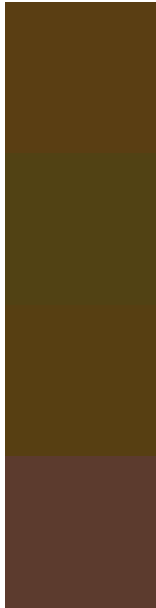


Original Color
5A3E13

Protanopia
4C4415

Deuteranopia
554012

Trichromacy



Original Color
5A3E13

Protanomaly
514214

Deuteranomaly
573F12

Tritanomaly
5C3B2E

Monochromacy



Original Color
5A3E13

Achromatopsia
414141

Achromatomaly
4A4030

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3E13 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 #5A3E13 looks like.

```
.text, #text, p{  
    color:#5A3E13  
}
```

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 #5A3E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3E13  
}
```

Border

The CSS property to change the border of an element to Hex 5A3E13 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".

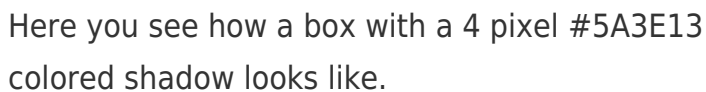
```
.border, #border, table{ border:4px solid  
#5A3E13 }
```

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

```
.border{ border-color:#5A3E13 }
```

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

Here you see how a box with a 4 pixel #5A3E13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3E13; -webkit-box-shadow:4px 4px  
4px 4px #5A3E13; box-shadow:4px 4px 4px  
4px #5A3E13 }
```

Background

The CSS property to change the background color of an element to Hex 5A3E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3E13 }
```

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

```
.background{ background-color:#5A3E13 }
```

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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