

Converting Colors

Hex(5A2A0F)

Have a look what the booklet for
Hex(5A2A0F) contains.

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Color

Hex(5A2A0F)

Conversions

Conversions Part 1

Format	Color
Hex	5A2A0F
RGB	90, 42, 15
RGB Percent	35%, 16%, 6%
CMY	0.6471, 0.8353, 0.9412
CMYK	0.00, 0.53, 0.83, 0.65
HSL	22°, 71%, 21%
HSV	22°, 83%, 35%
XYZ	5.1306, 3.8641, 0.9274
YIQ	53.2740, 37.2750, 1.7790

Conversions

Conversions Part 2

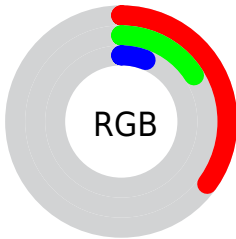
Format	Color
RYB	90, 57, 15
Decimal	5909007
CIELab	23.22, 19.93, 26.76
CIELCh	23, 33.368, 53.332
Yxy	3.8641, 0.5171, 0.3894
Android (android.graphics.Color)	4284099087 (0xFF5A2A0F)
YUV	53.2740, -18.8691, 32.2087
Hunter-Lab	19.6573, 12.1891, 10.9630

Details

The Hex color **5A2A0F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0F3F5A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **90583B**, and **280000** is the 20% darker color. If you saturate the color by 10%, you get **5A2406**, and if you desaturate by 10%, it is **5A3018**.

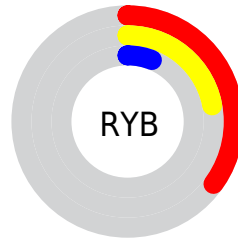
Distribution



Red (35%)

Green (16%)

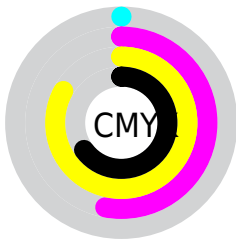
Blue (6%)



Red (35%)

Yellow (22%)

Blue (6%)

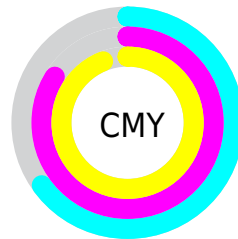


Cyan (0%)

Magenta (53%)

Yellow (83%)

Black (65%)



Cyan (65%)

Magenta (84%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2A0F 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 5A2A0F by changing the saturation by 10% instead.

 5A2A0F

 5A2A0F

 FFFFF1

 401400

 90583B

 280000

 AC7152

 000000

 C98B6A

 E6A584

 FFC09E

 FFDCB9

 FFF9D5

 5A2A0F

 5A2A0F

■ 5A2406

■ 5A3018

■ 5A2000

■ 5A3621

■ 5A3B2A

■ 5A4133

■ 5A473C

■ 5A4D45

■ 5A524E

■ 5A5857

■ 5A5E60

Harmonies

Analogous

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



632025



5A2A0F



483400

Triad

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



5A2A0F



004331



2C3365

Complementary

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



5A2A0F



0F3F5A

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.



003C69



5A2A0F



00434A

Square

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



5A2A0F



0D4018



00415F



502855

Rectangle

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



5A2A0F



393A00



00415F



173668

Sweetspot

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



5A2A0F



756358



5A0F40



3B2F29



BABABA



3B3B3B

Same Dimension

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



5A2A0F



752A00



5A4F0F



2E2B29



6E2700



ED5500

Inverse Universe

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



0F3F5A



004B75



0F1A5A



292C2E



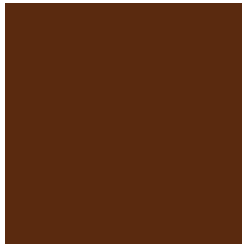
00466E



0098ED

Previews

White Background



This preview shows how the Hex color 5A2A0F looks on a white background.

Color Contrast Check

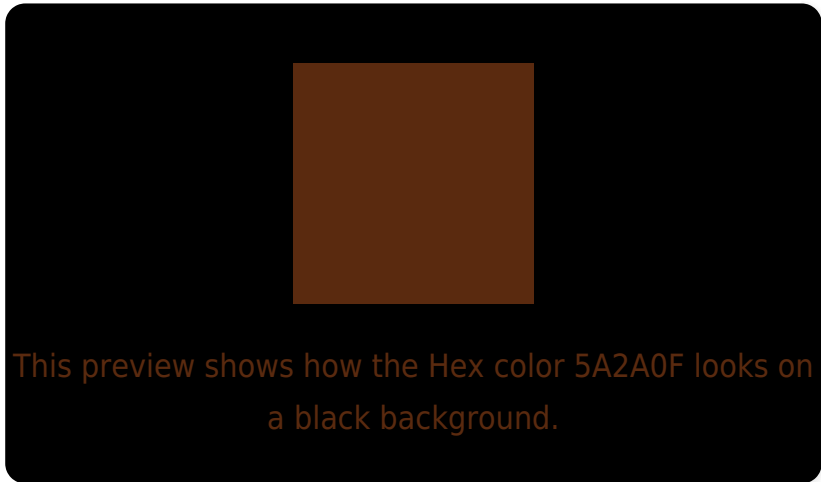
Large Text (above 18pt) WCAG AA ✓ Pass

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

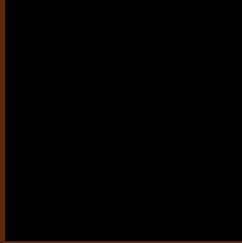
Any Text WCAG AA × Fail

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 5A2A0F Background



This preview shows how black text looks on a background with the Hex color 5A2A0F.



This preview shows how white text looks on a background with the Hex color 5A2A0F.

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
5A2A0F

Protanopia
3F3813

Deuteranopia
47350A



Tritanopia
5B272A

Trichromacy



Original Color
5A2A0F

Protanomaly
493312

Deuteranomaly
4E310C

Tritanomaly
5B2820

Monochromacy



Original Color
5A2A0F

Achromatopsia
353535

Achromatomaly
423127

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2A0F 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 #5A2A0F looks like.

```
.text, #text, p{  
    color:#5A2A0F  
}
```

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 #5A2A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2A0F  
}
```

Border

The CSS property to change the border of an element to Hex 5A2A0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

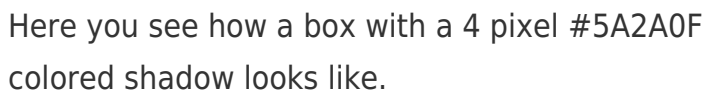
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A2A0F }
```

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

```
.border{ border-color:#5A2A0F }
```

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



Here you see how a box with a 4 pixel #5A2A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2A0F; -webkit-box-shadow:4px 4px  
4px 4px #5A2A0F; box-shadow:4px 4px 4px  
4px #5A2A0F }
```

Background

The CSS property to change the background color of an element to Hex 5A2A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2A0F }
```

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

```
.background{ background-color:#5A2A0F }
```

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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