

Converting Colors

Hex(5A0E16)

Have a look what the booklet for
Hex(5A0E16) contains.

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Color

Hex(5A0E16)

Conversions

Conversions Part 1

Format	Color
Hex	5A0E16
RGB	90, 14, 22
RGB Percent	35%, 5%, 9%
CMY	0.6471, 0.9451, 0.9137
CMYK	0.00, 0.84, 0.76, 0.65
HSL	354°, 73%, 20%
HSV	354°, 84%, 35%
XYZ	4.5183, 2.5457, 1.0123
YIQ	37.6360, 42.7280, 18.6000

Conversions

Conversions Part 2

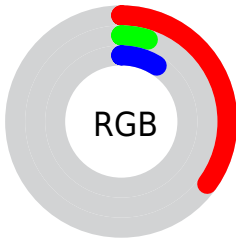
Format	Color
RYB	90, 14, 22
Decimal	5901846
CIELab	18.12, 34.04, 16.78
CIELCh	18, 37.952, 26.240
Yxy	2.5457, 0.5595, 0.3152
Android (android.graphics.Color)	4284091926 (0xFF5A0E16)
YUV	37.6360, -7.7085, 45.9232
Hunter-Lab	15.9551, 22.6276, 7.4069

Details

The Hex color **5A0E16** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0E5A52**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **914140**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **5A050E**, and if you desaturate by 10%, it is **5A171E**.

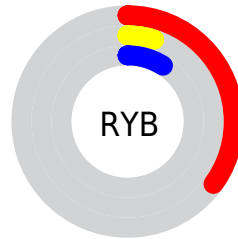
Distribution



Red (35%)

Green (5%)

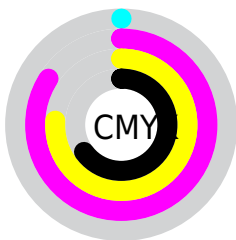
Blue (9%)



Red (35%)

Yellow (5%)

Blue (9%)

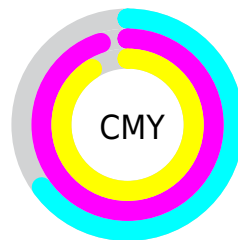


Cyan (0%)

Magenta (84%)

Yellow (76%)

Black (65%)



Cyan (65%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0E16 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 5A0E16 by changing the saturation by 10% instead.

 5A0E16

 5A0E16

 FFFDF7

 400000

 914140

 270001

 AE5A58

 000000

 CB7370

 E88D8A

 FFA8A4

 FFC4BF

 FFE0DB

 5A0E16

 5A0E16

■ 5A050E

■ 5A171E

■ 5A0009

■ 5A2026

■ 5A292E

■ 5A3236

■ 5A3B3E

■ 5A4446

■ 5A4D4E

■ 5A5656

■ 5A5F5E

Harmonies

Analogous

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



5A0831



5A0E16



4F1E00

Triad

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



5A0E16



00360A



003164

Complementary

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



5A0E16



0E5A52

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.



00365A



5A0E16



003828

Square

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



5A0E16



213200



003844



21275E

Rectangle

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



5A0E16



422600



003844



003362

Sweetspot

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



5A0E16



75585B



510E5A



3B292B



BABABA



3B3B3B

Same Dimension

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



5A0E16



75000C



5A2B0E



2E292A



6E000C



ED0019

Inverse Universe

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



5A0E16



75000C



0E3D5A



2E292A



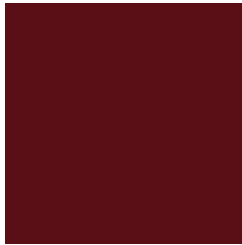
6E000C



ED0019

Previews

White Background



This preview shows how the Hex color 5A0E16 looks on a white background.

Color Contrast Check

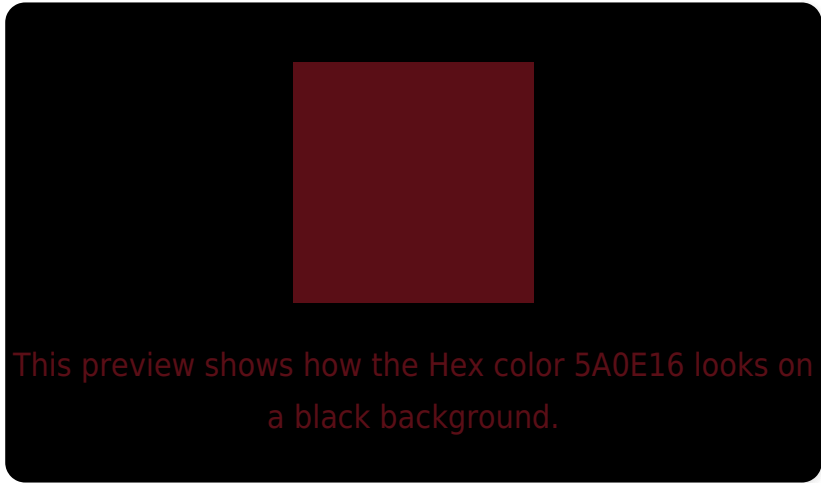
Large Text (above 18pt) WCAG AA ✓ Pass

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

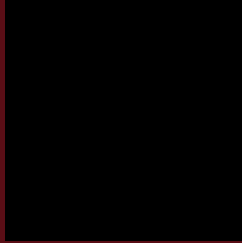
Any Text WCAG AA × Fail

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 5A0E16 Background



This preview shows how black text looks on a background with the Hex color 5A0E16.

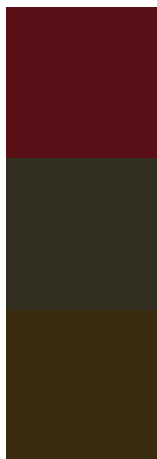


This preview shows how white text looks on a background with the Hex color 5A0E16.

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
5A0E16

Protanopia
332F20

Deuteranopia
3A2C11

Trichromacy



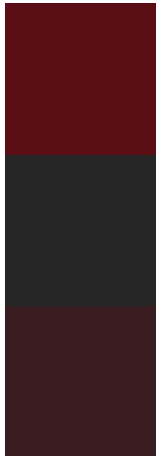
Original Color
5A0E16

Protanomaly
41231C

Deuteranomaly
462113

Tritanomaly
5A0F12

Monochromacy



Original Color
5A0E16

Achromatopsia
262626

Achromatomaly
391D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0E16 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 #5A0E16 looks like.

```
.text, #text, p{  
    color:#5A0E16  
}
```

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 #5A0E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0E16  
}
```

Border

The CSS property to change the border of an element to Hex 5A0E16 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".

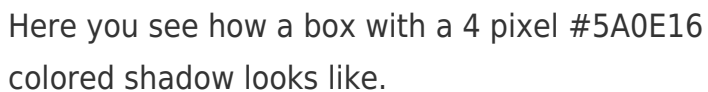
```
.border, #border, table{ border:4px solid  
#5A0E16 }
```

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

```
.border{ border-color:#5A0E16 }
```

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

Here you see how a box with a 4 pixel #5A0E16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0E16; -webkit-box-shadow:4px 4px  
4px 4px #5A0E16; box-shadow:4px 4px 4px  
4px #5A0E16 }
```

Background

The CSS property to change the background color of an element to Hex 5A0E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0E16 }
```

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

```
.background{ background-color:#5A0E16 }
```

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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