

Converting Colors

Hex(5A000E)

Have a look what the booklet for
Hex(5A000E) contains.

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Color

Hex(5A000E)

Conversions

Conversions Part 1

Format	Color
Hex	5A000E
RGB	90, 0, 14
RGB Percent	35%, 0%, 5%
CMY	0.6471, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.84, 0.65
HSL	351°, 100%, 18%
HSV	351°, 100%, 35%
XYZ	4.2957, 2.2054, 0.6147
YIQ	28.5060, 49.1460, 23.4340

Conversions

Conversions Part 2

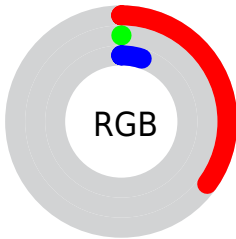
Format	Color
R_{YB}	90, 0, 14
Decimal	5898254
CIE _{Lab}	16.53, 37.89, 19.71
CIE _{LCh}	17, 42.705, 27.482
Yxy	2.2054, 0.6037, 0.3099
Android (android.graphics.Color)	4284088334 (0xFF5A000E)
YUV	28.5060, -7.1515, 53.9302
Hunter-Lab	14.8505, 25.6454, 7.9410

Details

The Hex color **5A000E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005A4C**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **923838**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **5A000E**, and if you desaturate by 10%, it is **5A0916**.

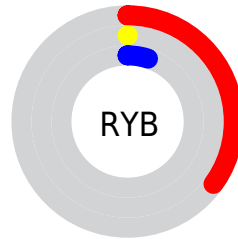
Distribution



Red (35%)

Green (0%)

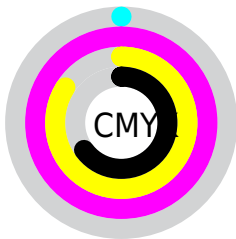
Blue (5%)



Red (35%)

Yellow (0%)

Blue (5%)

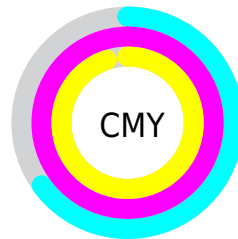


Cyan (0%)

Magenta (100%)

Yellow (84%)

Black (65%)



Cyan (65%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A000E 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 5A000E by changing the saturation by 10% instead.

 5A000E

 5A000E

 FFF5ED

 3F0000

 923838

 250001

 AF524F

 000000

 CC6B67

 EA8680

 FFA09A

 FFBCB5

 FFD8D1

 5A000E

 5A0916

 5A121D

 5A1B25

 5A242C

 5A2D34

 5A363C

 5A3F43

 5A484B

 5A5152

Harmonies

Analogous

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



5B002D



5A000E



4C1800

Triad

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



5A000E



003300



002E67

Complementary

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



5A000E



005A4C

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.



00345D



5A000E



003525

Square

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



5A000E



182F00



003544



1A2260

Rectangle

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



5A000E



3E2300



003544



003065

Sweetspot

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



5A000E



755258



4B005A



3B2629



BABABA



3B3B3B

Same Dimension

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



5A000E



750012



5A1E00



2E292A



6E0011



ED0025

Inverse Universe

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



5A000E



750012



003C5A



2E292A



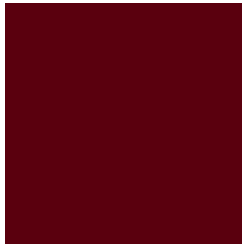
6E0011



ED0025

Previews

White Background



This preview shows how the Hex color 5A000E looks on a white background.

Color Contrast Check

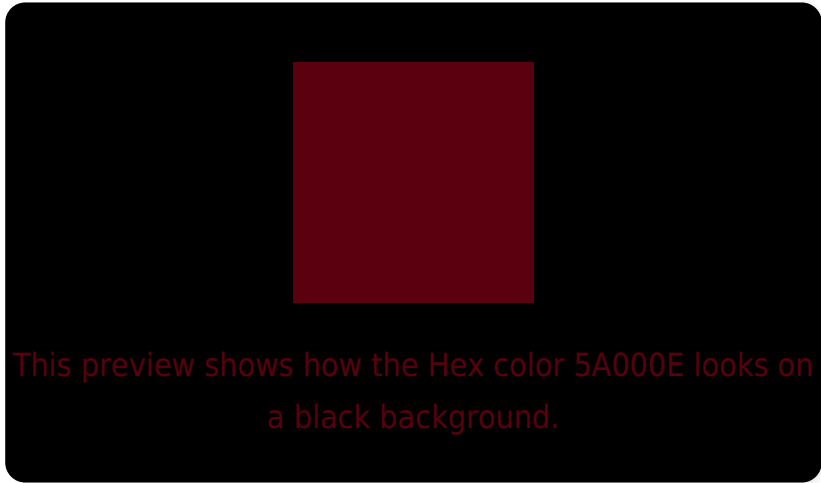
Large Text (above 18pt) WCAG AA ✓ Pass

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

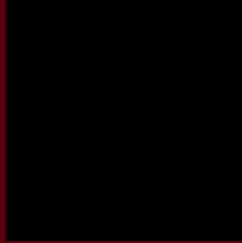
Any Text WCAG AA × Fail

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 5A000E Background



This preview shows how black text looks on a background with the Hex color 5A000E.

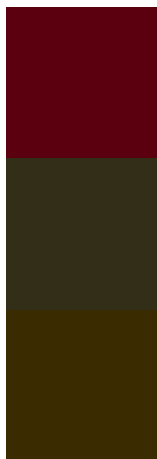


This preview shows how white text looks on a background with the Hex color 5A000E.

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
5A000E

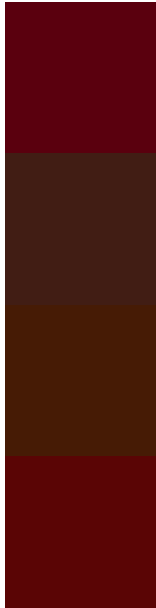
Protanopia
322E17

Deuteranopia
3A2B00



Tritanopia
5A0800

Trichromacy



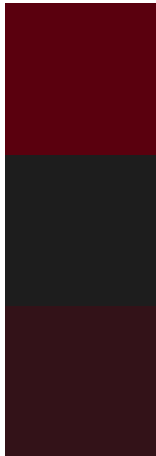
Original Color
5A000E

Protanomaly
411D14

Deuteranomaly
461B05

Tritanomaly
5A0505

Monochromacy



Original Color
5A000E

Achromatopsia
1D1D1D

Achromatomaly
331218

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A000E 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 #5A000E looks like.

```
.text, #text, p{  
    color:#5A000E  
}
```

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 #5A000E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A000E
}
```

Border

The CSS property to change the border of an element to Hex 5A000E is called "border". The border property can be set on classes, ids or directly on the HTML element.

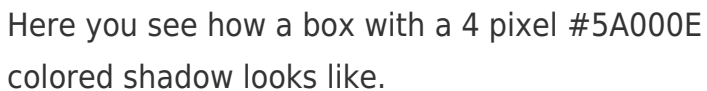
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A000E }
```

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

```
.border{ border-color:#5A000E }
```

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



Here you see how a box with a 4 pixel #5A000E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A000E; -webkit-box-shadow:4px 4px  
4px 4px #5A000E; box-shadow:4px 4px 4px  
4px #5A000E }
```

Background

The CSS property to change the background color of an element to Hex 5A000E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A000E }
```

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

```
.background{ background-color:#5A000E }
```

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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