

Converting Colors

Hex(5A0002)

Have a look what the booklet for
Hex(5A0002) contains.

Hex(5A0002)	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>	28

Color

Hex(5A0002)

Conversions

Conversions Part 1

Format	Color
Hex	5A0002
RGB	90, 0, 2
RGB Percent	35%, 0%, 1%
CMY	0.6471, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.65
HSL	359°, 100%, 18%
HSV	359°, 100%, 35%
XYZ	4.2274, 2.1780, 0.2550
YIQ	27.1380, 52.9980, 19.7020

Conversions

Conversions Part 2

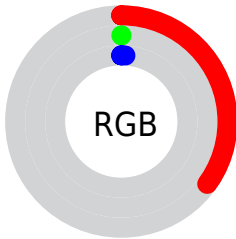
Format	Color
R_{YB}	90, 0, 2
Decimal	5898242
CIE Lab	16.40, 37.52, 24.62
CIE LCh	16, 44.875, 33.273
Yxy	2.1780, 0.6347, 0.3270
Android (android.graphics.Color)	4284088322 (0xFF5A0002)
YUV	27.1380, -12.3930, 55.1300
Hunter-Lab	14.7582, 25.3036, 9.3062

Details

The Hex color **5A0002** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005A58**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **923830**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **5A0002**, and if you desaturate by 10%, it is **5A090B**.

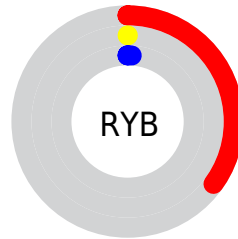
Distribution



Red (35%)

Green (0%)

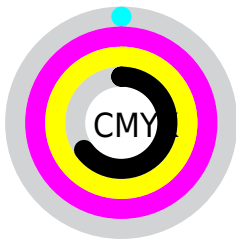
Blue (1%)



Red (35%)

Yellow (0%)

Blue (1%)

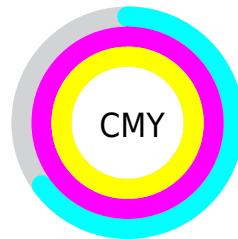


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (65%)



Cyan (65%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0002 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 5A0002 by changing the saturation by 10% instead.

 5A0002

 5A0002

 FFF5E3

 3E0000

 923830

 240001

 AF5147

 000000

 CD6B5F

 EB8577

 FFA091

 FFBCAC

 FFD8C7

 5A0002

 5A090B

 5A1214

 5A1B1C

 5A2425

 5A2D2E

 5A3637

 5A3F40

 5A4848

 5A5151

Harmonies

Analogous

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



5E0027



5A0002



491B00

Triad

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



5A0002



003406



002C6A

Complementary

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



5A0002



005A58

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.



003362



5A0002



00352B

Square

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



5A0002



0D3000



00354B



271E5F

Rectangle

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



5A0002



392500



00354B



002F69

Sweetspot

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



5A0002



755253



57005A



3B2626



BABABA



3B3B3B

Same Dimension

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



5A0002



750003



5A2A00



2E2929



6E0002



ED0005

Inverse Universe

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



5A0002



750003



00305A



2E2929



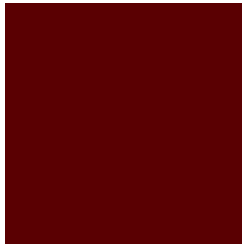
6E0002



ED0005

Previews

White Background



This preview shows how the Hex color 5A0002 looks on a white background.

Color Contrast Check

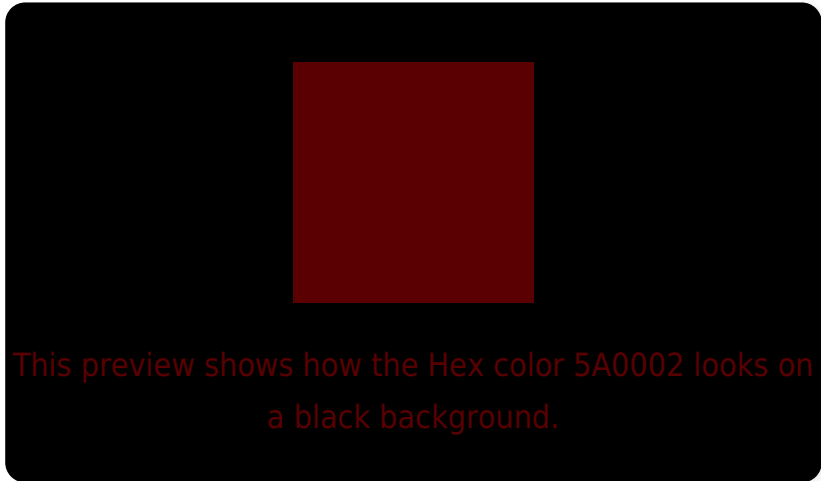
Large Text (above 18pt) WCAG AA ✓ Pass

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

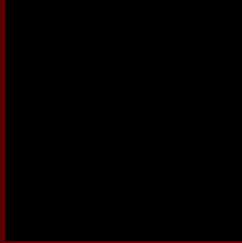
Any Text WCAG AA × Fail

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 5A0002 Background



This preview shows how black text looks on a background with the Hex color 5A0002.



This preview shows how white text looks on a background with the Hex color 5A0002.

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



Trichromacy

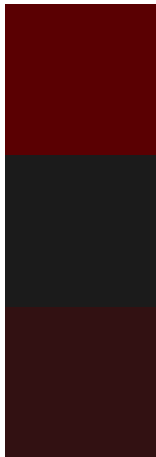


Original Color
5A0002

Protanomaly
411D08

Tritanomaly
590501

Monochromacy



Original Color
5A0002

Achromatopsia
1B1B1B

Achromatomaly
321112

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0002 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 #5A0002 looks like.

```
.text, #text, p{  
    color:#5A0002  
}
```

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 #5A0002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0002
}
```

Border

The CSS property to change the border of an element to Hex 5A0002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

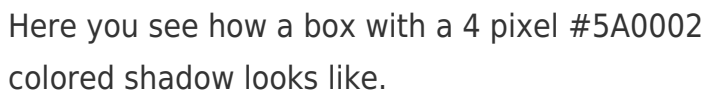
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0002 }
```

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

```
.border{ border-color:#5A0002 }
```

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



Here you see how a box with a 4 pixel #5A0002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0002; -webkit-box-shadow:4px 4px  
4px 4px #5A0002; box-shadow:4px 4px 4px  
4px #5A0002 }
```

Background

The CSS property to change the background color of an element to Hex 5A0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0002 }
```

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

```
.background{ background-color:#5A0002 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor