

# Converting Colors

Hex(5A0706)

Have a look what the booklet for  
Hex(5A0706) contains.

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**Color**

**Hex(5A0706)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A0706
RGB	90, 7, 6
RGB Percent	35%, 3%, 2%
CMY	0.6471, 0.9725, 0.9765
CMYK	0.00, 0.92, 0.93, 0.65
HSL	1°, 88%, 19%
HSV	1°, 93%, 35%
XYZ	4.3253, 2.3388, 0.3958
YIQ	31.7030, 49.7890, 17.2850

# Conversions

## Conversions Part 2

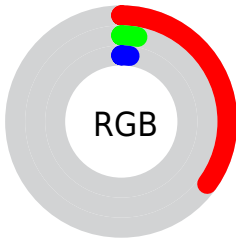
Format	Color
<a href="#">RYB</a>	<a href="#">90, 7, 6</a>
Decimal	<a href="#">5900038</a>
CIELab	<a href="#">17.17, 35.52, 23.95</a>
CIELCh	<a href="#">17, 42.841, 33.987</a>
Yxy	<a href="#">2.3388, 0.6127, 0.3313</a>
Android (android.graphics.Color)	<a href="#">4284090118</a> ( <a href="#">0xFF5A0706</a> )
YUV	<a href="#">31.7030, -12.6716, 51.1265</a>
Hunter-Lab	<a href="#">15.2930, 23.7221, 9.1708</a>

# Details

The Hex color **5A0706** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **06595A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **923C33**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **5A0100**, and if you desaturate by 10%, it is **5A100F**.

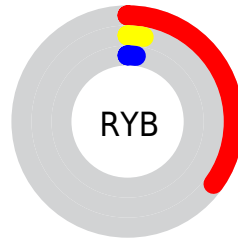
# Distribution



Red (35%)

Green (3%)

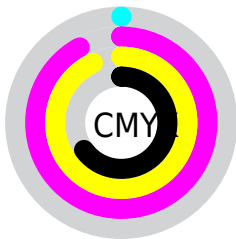
Blue (2%)



Red (35%)

Yellow (3%)

Blue (2%)

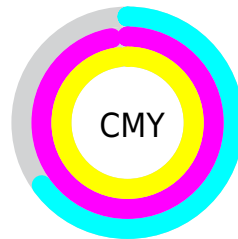


Cyan (0%)

Magenta (92%)

Yellow (93%)

Black (65%)



Cyan (65%)

Magenta (97%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A0706 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 5A0706 by changing the saturation by 10% instead.



 5A0706

 5A0706

 FFF9E6

 3F0000

 923C33

 250001

 AF554A

 000000

 CC6F61

 EA897A

 FFA494

 FFC0AF

 FFDCCA

 5A0706

 5A0706

■ 5A0100

■ 5A100F

■ 5A1918

■ 5A2221

■ 5A2B2A

■ 5A3333

■ 5A3C3C

■ 5A4545

■ 5A4E4E

■ 5A5757

# Harmonies

## Analogous

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



5E0028



5A0706



4A1E00

# Triad

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



5A0706



00350C



002D69

# Complementary

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



5A0706



06595A

# 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.



003462



5A0706



00372E

# Square

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



5A0706



113200



00374C



2B205E

# Rectangle

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



5A0706



3B2700



00374C



003068



# Sweetspot

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



5A0706



755554



5A065A



3B2727



BABABA



3B3B3B



# Same Dimension

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



5A0706



750100



5A3006



2E2929



6E0100



ED0300



# Inverse Universe

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



06595A



007475



06305A



292E2E



006C6E

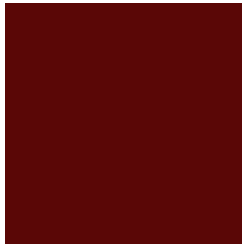


00EAED



# Previews

## White Background



This preview shows how the Hex color 5A0706 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

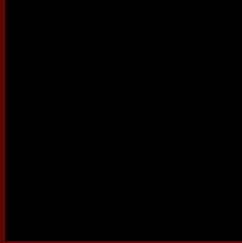
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A0706 Background



This preview shows how black text looks on a background with the Hex color 5A0706.



This preview shows how white text looks on a background with the Hex color 5A0706.

# 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**  
5A0706

**Protanopia**  
332E0E

**Deuteranopia**  
3A2B00



**Tritanopia**  
5A0800

# Trichromacy



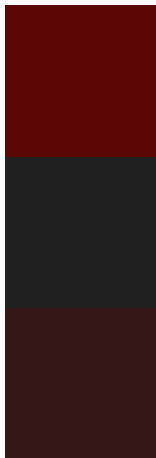
**Original Color**  
5A0706

**Protanomaly**  
41200B

**Deuteranomaly**  
461E02

**Tritanomaly**  
5A0802

# Monochromacy



**Original Color**  
5A0706

**Achromatopsia**  
202020

**Achromatomaly**  
351717

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A0706 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 #5A0706 looks like.

```
.text, #text, p{  
    color:#5A0706  
}
```

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 #5A0706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0706
}
```

## Border

The CSS property to change the border of an element to Hex 5A0706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

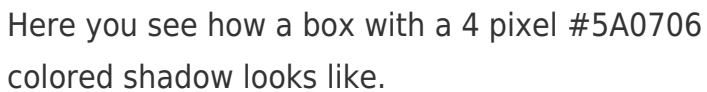
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0706 }
```

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

```
.border{ border-color:#5A0706 }
```

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



Here you see how a box with a 4 pixel #5A0706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0706; -webkit-box-shadow:4px 4px  
4px 4px #5A0706; box-shadow:4px 4px 4px  
4px #5A0706 }
```

# Background

The CSS property to change the background color of an element to Hex 5A0706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0706 }
```

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

```
.background{ background-color:#5A0706 }
```

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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