

# Converting Colors

Hex(4A0A13)

Have a look what the booklet for  
Hex(4A0A13) contains.

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**Color**

**Hex(4A0A13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A0A13
RGB	74, 10, 19
RGB Percent	29%, 4%, 7%
CMY	0.7098, 0.9608, 0.9255
CMYK	0.00, 0.86, 0.74, 0.71
HSL	352°, 76%, 16%
HSV	352°, 86%, 29%
XYZ	3.0501, 1.7199, 0.7873
YIQ	30.1620, 35.2550, 16.3670

# Conversions

## Conversions Part 2

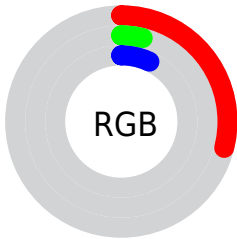
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 10, 19
Decimal	4852243
CIE <sub>Lab</sub>	13.94, 29.83, 12.78
CIE <sub>LCh</sub>	14, 32.447, 23.193
Yxy	1.7199, 0.5488, 0.3095
Android (android.graphics.Color)	4283042323 (0xFF4A0A13)
YUV	30.1620, -5.5029, 38.4459
Hunter-Lab	13.1147, 18.5637, 5.6209

# Details

The Hex color **4A0A13** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A4A41**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7F3B3D**, and **0A0000** is the 20% darker color. If you saturate the color by 10%, you get **4A030D**, and if you desaturate by 10%, it is **4A1119**.

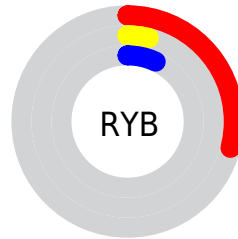
# Distribution



Red (29%)

Green (4%)

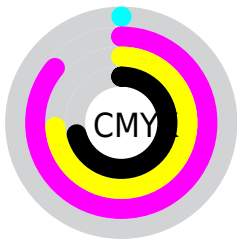
Blue (7%)



Red (29%)

Yellow (4%)

Blue (7%)

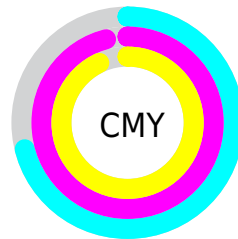


Cyan (0%)

Magenta (86%)

Yellow (74%)

Black (71%)



Cyan (71%)

Magenta (96%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A0A13 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 4A0A13 by changing the saturation by 10% instead.



 4A0A13

 4A0A13

 FFF5F3

 320000

 7F3B3D

 0A0000

 9B5354

 000000

 B76C6C

 D48686

 F1A1A0

 FFBCBB

 FFD8D6

 4A0A13

 4A0A13

■ 4A030D

■ 4A1119

■ 4A000A

■ 4A1920

■ 4A2026

■ 4A282C

■ 4A2F33

■ 4A3639

■ 4A3E40

■ 4A4546

■ 4A4D4C

# Harmonies

## Analogous

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



48082A



4A0A13



421600

# Triad

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



4A0A13



002B01



002851

# Complementary

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



4A0A13



0A4A41

# 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.



002C48



4A0A13



002D1D

# Square

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



4A0A13



1D2700



002D35



14204E

# Rectangle

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



4A0A13



381E00



002D35



002A4F



# Sweetspot

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



4A0A13



61484B



400A4A



302124



B0B0B0



303030



# Same Dimension

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



4A0A13



61000E



4A200A



262223



66000E



E60020



# Inverse Universe

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



4A0A13



61000E



0A344A



262223



66000E

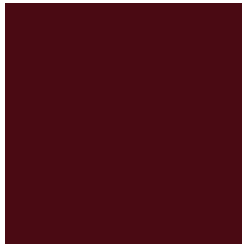


E60020



# Previews

## White Background



This preview shows how the Hex color 4A0A13 looks on a white background.

## Color Contrast Check

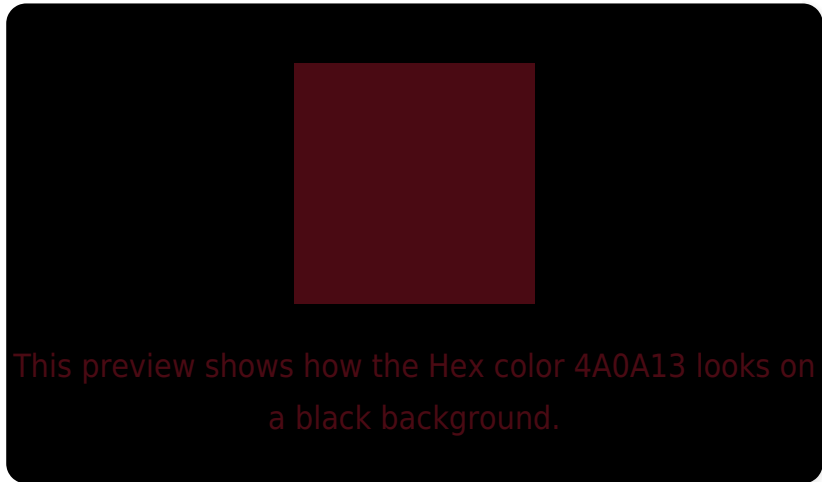
Large Text (above 18pt) WCAG AA ✓ Pass

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

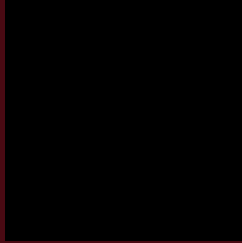
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A0A13 Background



This preview shows how black text looks on a background with the Hex color 4A0A13.



This preview shows how white text looks on a background with the Hex color 4A0A13.

# 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**  
4A0A13

**Protanopia**  
29261C

**Deuteranopia**  
30240F



**Tritanopia**  
4A0C0B

# Trichromacy



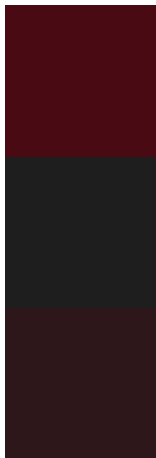
**Original Color**  
4A0A13

**Protanomaly**  
351C19

**Deuteranomaly**  
391B10

**Tritanomaly**  
4A0B0E

# Monochromacy



**Original Color**  
4A0A13

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
2E171A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A0A13 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 #4A0A13 looks like.

```
.text, #text, p{  
    color:#4A0A13  
}
```

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 #4A0A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0A13
}
```

## Border

The CSS property to change the border of an element to Hex 4A0A13 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
#4A0A13 }
```

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

```
.border{ border-color:#4A0A13 }
```

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

Here you see how a box with a 4 pixel #4A0A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0A13; -webkit-box-shadow:4px 4px  
4px 4px #4A0A13; box-shadow:4px 4px 4px  
4px #4A0A13 }
```

# Background

The CSS property to change the background color of an element to Hex 4A0A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0A13 }
```

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

```
.background{ background-color:#4A0A13 }
```

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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