

# Converting Colors

Hex(460811)

Have a look what the booklet for  
Hex(460811) contains.

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**Color**

**Hex(460811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	460811
RGB	70, 8, 17
RGB Percent	27%, 3%, 7%
CMY	0.7255, 0.9686, 0.9333
CMYK	0.00, 0.89, 0.76, 0.73
HSL	351°, 79%, 15%
HSV	351°, 89%, 27%
XYZ	2.7138, 1.5162, 0.6799
YIQ	27.5640, 34.0630, 15.9430

# Conversions

## Conversions Part 2

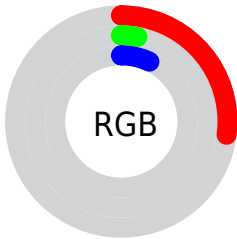
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">70, 8, 17</a>
Decimal	<a href="#">4589585</a>
CIELab	<a href="#">12.71, 29.07, 12.19</a>
CIELCh	<a href="#">13, 31.520, 22.751</a>
Yxy	<a href="#">1.5162, 0.5527, 0.3088</a>
Android (android.graphics.Color)	<a href="#">4282779665 (0xFF460811)</a>
YUV	<a href="#">27.5640, -5.2081, 37.2164</a>
Hunter-Lab	<a href="#">12.3135, 17.7913, 5.3455</a>

# Details

The Hex color **460811** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **08463D**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **7B393B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **46010B**, and if you desaturate by 10%, it is **460F17**.

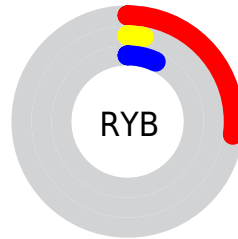
# Distribution



Red (27%)

Green (3%)

Blue (7%)



Red (27%)

Yellow (3%)

Blue (7%)

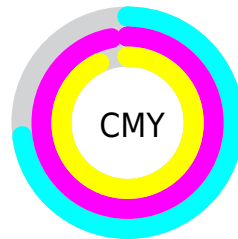


Cyan (0%)

Magenta (89%)

Yellow (76%)

Black (73%)



Cyan (73%)

Magenta (97%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 460811 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 460811 by changing the saturation by 10% instead.



 460811

 460811

 FFF2F0

 2F0000

 7B393B

 000000

 965152

 B26A6A

 CF8383

 EC9E9D

 FFB9B8

 FFD5D4

 460811

 460811

■ 46010B

■ 460F17

■ 46000A

■ 46161D

■ 461D23

■ 462429

■ 462B2F

■ 463235

■ 46393B

■ 464041

■ 464747

# Harmonies

## Analogous

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



440627



460811



3E1400

# Triad

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



460811



002800



00254D

# Complementary

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



460811



08463D

# 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.



002944



460811



002A1B

# Square

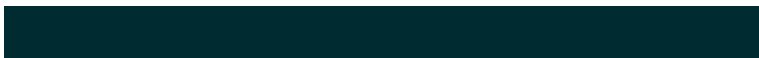
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



460811



1B2500



002B31



111E4A

# Rectangle

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



460811



341B00



002B31



00274B



# Sweetspot

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



460811



5C4347



3D0846



2E1F21



ADADAD



2E2E2E



# Same Dimension

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



460811



5C000D



461E08



242021



63000E



E30021



# Inverse Universe

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



460811



5C000D



083046



242021



63000E

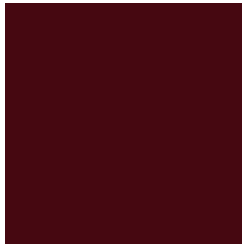


E30021



# Previews

## White Background



This preview shows how the Hex color 460811 looks on a white background.

## Color Contrast Check

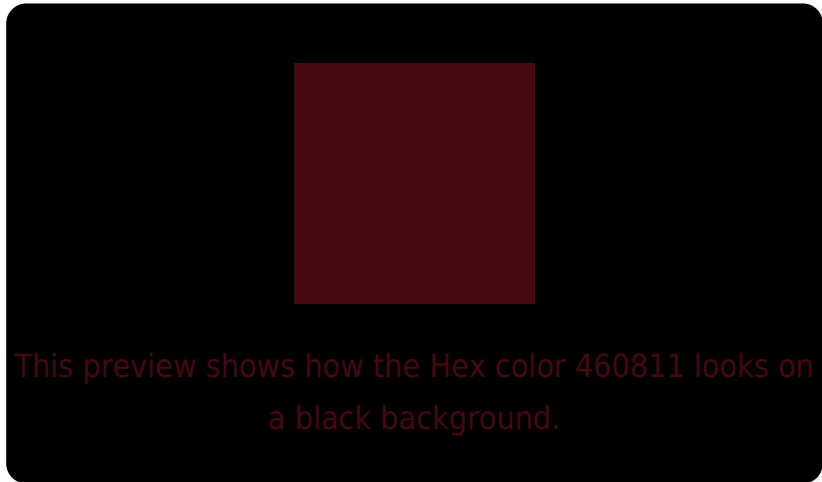
Large Text (above 18pt) WCAG AA ✓ Pass

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

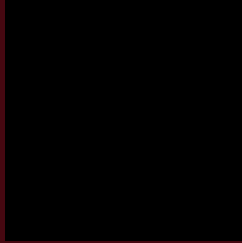
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 460811 Background



This preview shows how black text looks on a background with the Hex color 460811.

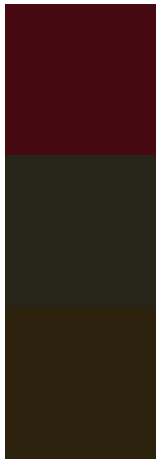


This preview shows how white text looks on a background with the Hex color 460811.

# 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**  
460811

**Protanopia**  
272419

**Deuteranopia**  
2D220D



**Tritanopia**  
460A09

# Trichromacy



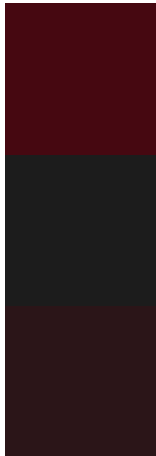
**Original Color**  
460811

**Protanomaly**  
321A16

**Deuteranomaly**  
36190E

**Tritanomaly**  
46090C

# Monochromacy



**Original Color**  
460811

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
2B1518

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 460811 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 #460811 looks like.

```
.text, #text, p{  
    color:#460811  
}
```

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 #460811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460811
}
```

## Border

The CSS property to change the border of an element to Hex 460811 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".

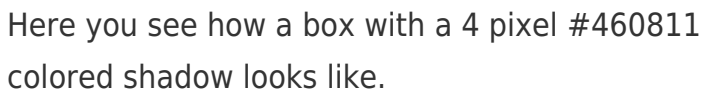
```
.border, #border, table{ border:4px solid
#460811 }
```

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

```
.border{ border-color:#460811 }
```

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

Here you see how a box with a 4 pixel #460811 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460811; -webkit-box-shadow:4px 4px  
4px 4px #460811; box-shadow:4px 4px 4px  
4px #460811 }
```

# Background

The CSS property to change the background color of an element to Hex 460811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460811 }
```

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

```
.background{ background-color:#460811 }
```

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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