

# Converting Colors

Hex(460E10)

Have a look what the booklet for  
Hex(460E10) contains.

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**Color**

**Hex(460E10)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	460E10
RGB	70, 14, 16
RGB Percent	27%, 5%, 6%
CMY	0.7255, 0.9451, 0.9373
CMYK	0.00, 0.80, 0.77, 0.73
HSL	358°, 67%, 16%
HSV	358°, 80%, 27%
XYZ	2.7764, 1.6536, 0.6631
YIQ	30.9720, 32.7340, 12.4940

# Conversions

## Conversions Part 2

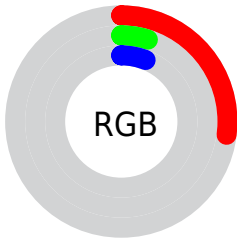
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 14, 16
Decimal	4591120
CIELab	13.55, 26.60, 13.88
CIELCh	14, 30.008, 27.558
Yxy	1.6536, 0.5451, 0.3247
Android (android.graphics.Color)	4282781200 (0xFF460E10)
YUV	30.9720, -7.3812, 34.2276
Hunter-Lab	12.8592, 16.0355, 5.9442

# Details

The Hex color **460E10** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E4644**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7B3D3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **460709**, and if you desaturate by 10%, it is **461517**.

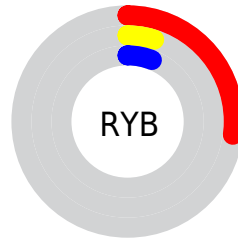
# Distribution



Red (27%)

Green (5%)

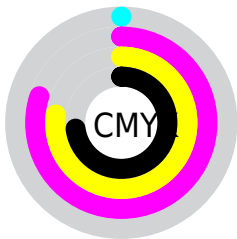
Blue (6%)



Red (27%)

Yellow (5%)

Blue (6%)

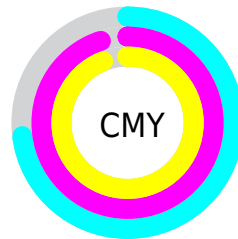


Cyan (0%)

Magenta (80%)

Yellow (77%)

Black (73%)



Cyan (73%)

Magenta (95%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 460E10 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 460E10 by changing the saturation by 10% instead.



 460E10

 460E10

 FFF6EF

 2E0000

 7B3D3A

 000000

 965551

 B26E69

 CE8782

 ECA29D

 FFBDB7

 FFD9D3

 460E10

 460E10

■ 460709

■ 461517

■ 460003

■ 461C1E

■ 462324

■ 462A2B

■ 463132

■ 463839

■ 463F3F

■ 464646

■ 464D4D

# Harmonies

## Analogous

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



460A25



460E10



3D1800

# Triad

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



460E10



002A08



00264D

# Complementary

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



460E10



0E4644

# 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.



002A46



460E10



002C20

# Square

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



460E10



1A2700



002C36



1D1E48

# Rectangle

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



460E10



331F00



002C36



00284C



# Sweetspot

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



460E10



5C4647



430E46



2E2121



ADADAD



2E2E2E



# Same Dimension

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



460E10



5C0407



46270E



242020



630004



E30008



# Inverse Universe

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



460E10



5C0407



0E2D46



242020



630004

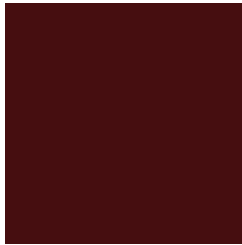


E30008



# Previews

## White Background



This preview shows how the Hex color 460E10 looks on a white background.

## Color Contrast Check

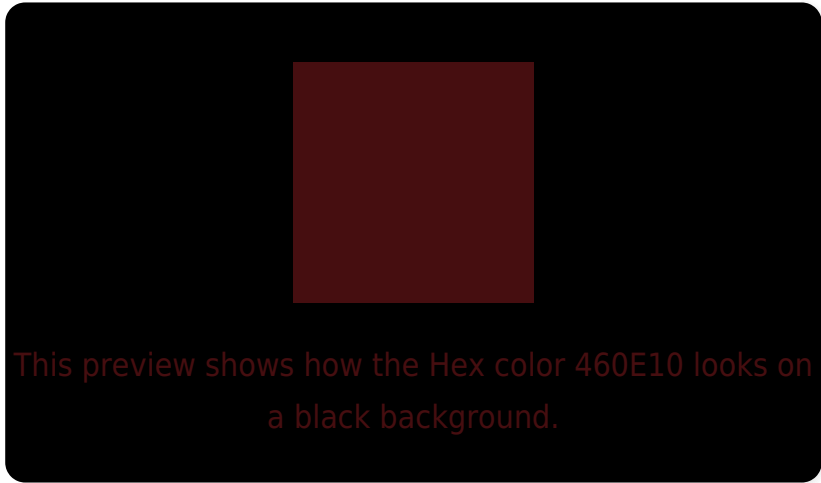
Large Text (above 18pt) WCAG AA ✓ Pass

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

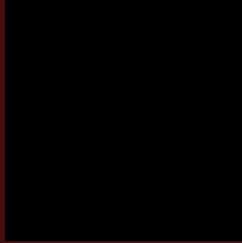
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 460E10 Background



This preview shows how black text looks on a background with the Hex color 460E10.

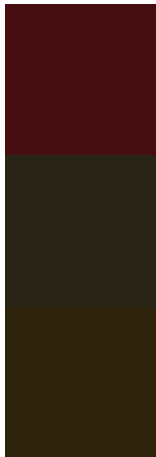


This preview shows how white text looks on a background with the Hex color 460E10.

# 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**  
460E10

**Protanopia**  
282517

**Deuteranopia**  
2E230C



**Tritanopia**  
460E0E

# Trichromacy



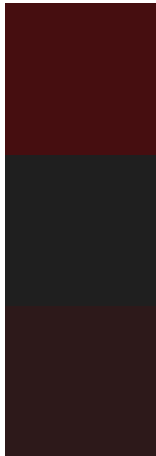
**Original Color**  
460E10

**Protanomaly**  
331D14

**Deuteranomaly**  
371B0D

**Tritanomaly**  
460E0F

# Monochromacy



**Original Color**  
460E10

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
2D191A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 460E10 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 #460E10 looks like.

```
.text, #text, p{  
    color:#460E10  
}
```

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 #460E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460E10
}
```

## Border

The CSS property to change the border of an element to Hex 460E10 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".

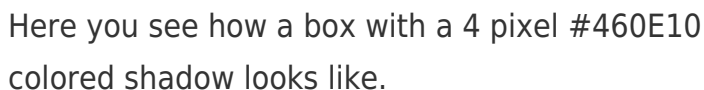
```
.border, #border, table{ border:4px solid
#460E10 }
```

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

```
.border{ border-color:#460E10 }
```

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

Here you see how a box with a 4 pixel #460E10 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 #460E10; -webkit-box-shadow:4px 4px  
4px 4px #460E10; box-shadow:4px 4px 4px  
4px #460E10 }
```

# Background

The CSS property to change the background color of an element to Hex 460E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460E10 }
```

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

```
.background{ background-color:#460E10 }
```

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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