

# Converting Colors

Hex(461E13)

Have a look what the booklet for  
Hex(461E13) contains.

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**Color**

**Hex(461E13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	461E13
RGB	70, 30, 19
RGB Percent	27%, 12%, 7%
CMY	0.7255, 0.8824, 0.9255
CMYK	0.00, 0.57, 0.73, 0.73
HSL	13°, 57%, 17%
HSV	13°, 73%, 27%
XYZ	3.1076, 2.2777, 0.8919
YIQ	40.7060, 27.3710, 5.0590

# Conversions

## Conversions Part 2

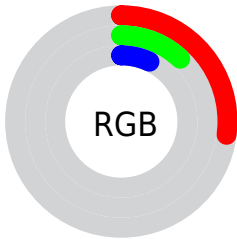
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 33, 19
Decimal	4595219
CIE Lab	16.88, 18.15, 16.35
CIE LCh	17, 24.428, 42.010
Yxy	2.2777, 0.4951, 0.3628
Android (android.graphics.Color)	4282785299 (0xFF461E13)
YUV	40.7060, -10.7011, 25.6908
Hunter-Lab	15.0919, 10.3445, 7.0603

# Details

The Hex color **461E13** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **133B46**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7A4B3D**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **46190C**, and if you desaturate by 10%, it is **46231A**.

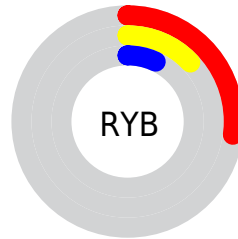
# Distribution



Red (27%)

Green (12%)

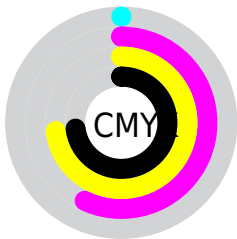
Blue (7%)



Red (27%)

Yellow (13%)

Blue (7%)

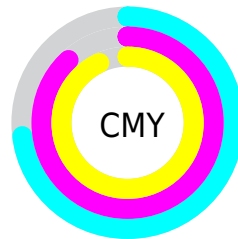


Cyan (0%)

Magenta (57%)

Yellow (73%)

Black (73%)



Cyan (73%)

Magenta (88%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 461E13 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 461E13 by changing the saturation by 10% instead.



 461E13

 461E13

 FFFFF4

 2E0800

 7A4B3D

 0C0000

 946355

 000000

 B07C6D

 CC9686

 E9B1A1

 FFCDBC

 FFE9D7

 461E13

 461E13

■ 46190C

■ 46231A

■ 461305

■ 462921

■ 460F00

■ 462E28

■ 46342F

■ 463936

■ 463F3D

■ 464444

■ 464A4B

■ 464F52

# Harmonies

## Analogous

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



4A1A23



461E13



3C2504

# Triad

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



461E13



00311E



15294C

# Complementary

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



461E13



133B46

# 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.



002E4B



461E13



003230

# Square

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



461E13



192F0E



003141



342244

# Rectangle

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



461E13



322900



003141



012B4D



# Sweetspot

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



461E13



5C4C48



46133C



2E2522



ADADAD



2E2E2E



# Same Dimension

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



461E13



5C1D0C



463713



242120



631500



E33100



# Inverse Universe

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



133B46



0C4B5C



132246



202324



004E63

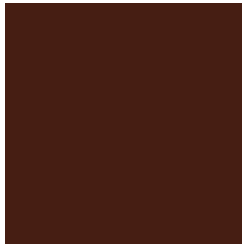


00B2E3



# Previews

## White Background



This preview shows how the Hex color 461E13 looks on a white background.

## Color Contrast Check

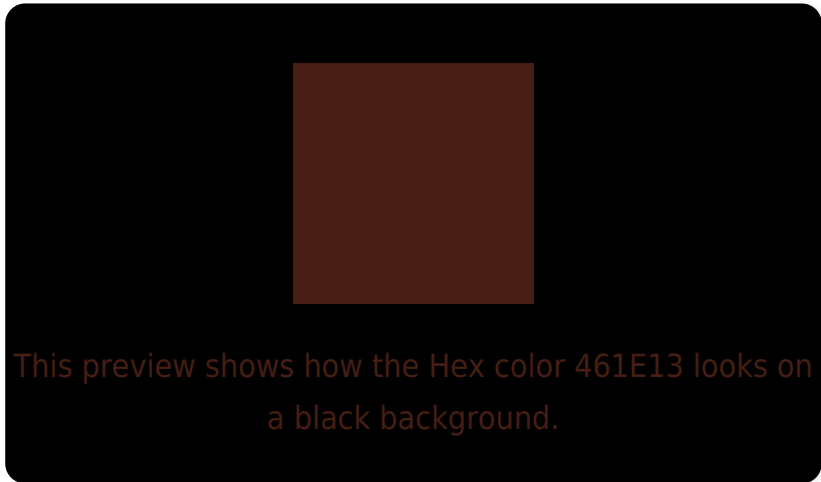
Large Text (above 18pt) WCAG AA ✓ Pass

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

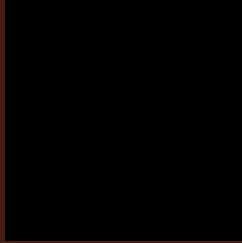
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 461E13 Background



This preview shows how black text looks on a background with the Hex color 461E13.

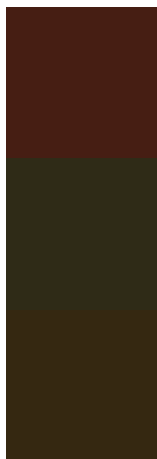


This preview shows how white text looks on a background with the Hex color 461E13.

# 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**  
461E13

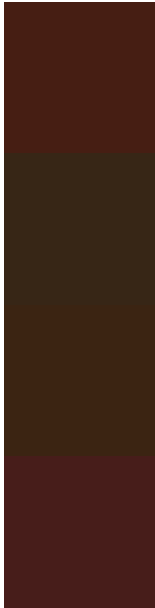
**Protanopia**  
2F2B17

**Deuteranopia**  
352811



**Tritanopia**  
471D1E

# Trichromacy



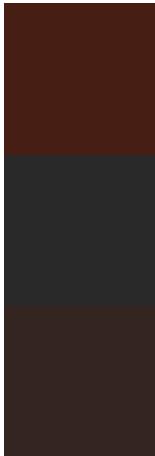
**Original Color**  
461E13

**Protanomaly**  
372616

**Deuteranomaly**  
3B2412

**Tritanomaly**  
471D1A

# Monochromacy



**Original Color**  
461E13

**Achromatopsia**  
292929

**Achromatomaly**  
342521

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 461E13 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 #461E13 looks like.

```
.text, #text, p{  
    color:#461E13  
}
```

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 #461E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461E13  
}
```

## Border

The CSS property to change the border of an element to Hex 461E13 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".

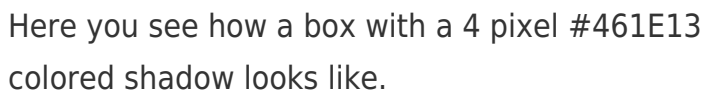
```
.border, #border, table{ border:4px solid  
#461E13 }
```

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

```
.border{ border-color:#461E13 }
```

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

Here you see how a box with a 4 pixel #461E13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461E13; -webkit-box-shadow:4px 4px  
4px 4px #461E13; box-shadow:4px 4px 4px  
4px #461E13 }
```

# Background

The CSS property to change the background color of an element to Hex 461E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461E13 }
```

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

```
.background{ background-color:#461E13 }
```

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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