

Converting Colors

Hex(46230E)

Have a look what the booklet for
Hex(46230E) contains.

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Color

Hex(46230E)

Conversions

Conversions Part 1

Format	Color
Hex	46230E
RGB	70, 35, 14
RGB Percent	27%, 14%, 5%
CMY	0.7255, 0.8627, 0.9451
CMYK	0.00, 0.50, 0.80, 0.73
HSL	22°, 67%, 16%
HSV	22°, 80%, 27%
XYZ	3.2061, 2.5359, 0.7360
YIQ	43.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

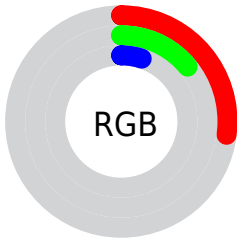
Format	Color
R_{YB}	70, 48, 14
Decimal	4596494
CIE Lab	18.08, 14.66, 20.65
CIE LCh	18, 25.319, 54.629
Yxy	2.5359, 0.4949, 0.3915
Android (android.graphics.Color)	4282786574 (0xFF46230E)
YUV	43.0710, -14.3320, 23.6167
Hunter-Lab	15.9244, 8.0700, 8.4069

Details

The Hex color **46230E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **0E3146**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7A5039**, and **100000** is the 20% darker color. If you saturate the color by 10%, you get **461F07**, and if you desaturate by 10%, it is **462715**.

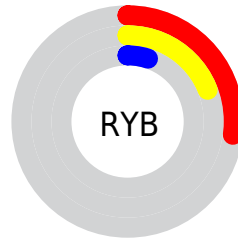
Distribution



Red (27%)

Green (14%)

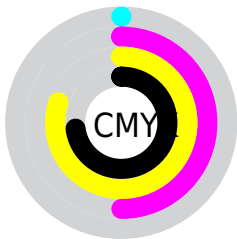
Blue (5%)



Red (27%)

Yellow (19%)

Blue (5%)

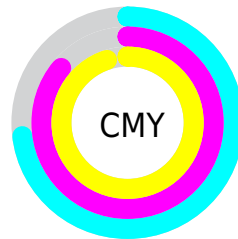


Cyan (0%)

Magenta (50%)

Yellow (80%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46230E 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 46230E by changing the saturation by 10% instead.

 46230E

 46230E

 FFFFEF

 2E0E00

 7A5039

 100000

 946850

 000000

 B08168

 CC9C82

 E9B69C

 FFD2B7

 FFEED2

 46230E

 46230E

■ 461F07

■ 462715

■ 461A00

■ 462C1C

■ 463023

■ 46352A

■ 463931

■ 463D38

■ 46423F

■ 464646

■ 464A4D

Harmonies

Analogous

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



4D1D1E



46230E



392A02

Triad

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



46230E



003528



27294D

Complementary

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



46230E



0E3146

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.



002F51



46230E



00353B

Square

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



46230E



0F3316



00334A



3F2142

Rectangle

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



46230E



2E2E03



00334A



1A2B50

Sweetspot

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



46230E



5C4E46



460E31



2E2621



ADADAD



2E2E2E

Same Dimension

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



46230E



5C2504



463F0E



242120



632500



E35500

Inverse Universe

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



0E3146



043B5C



0E1546



202224



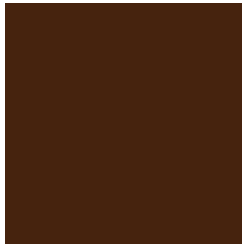
003E63



008EE3

Previews

White Background



This preview shows how the Hex color 46230E looks on a white background.

Color Contrast Check

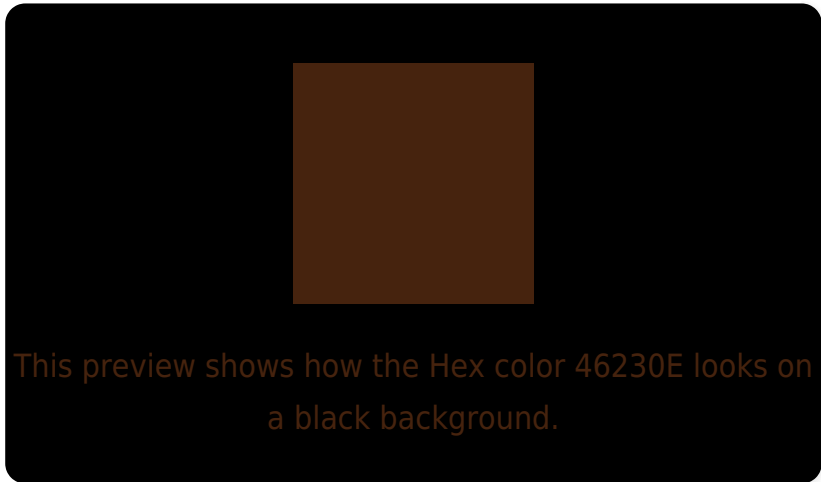
Large Text (above 18pt) WCAG AA ✓ Pass

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

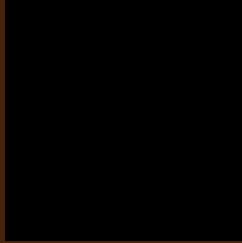
Any Text WCAG AA × Fail

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 46230E Background



This preview shows how black text looks on a background with the Hex color 46230E.

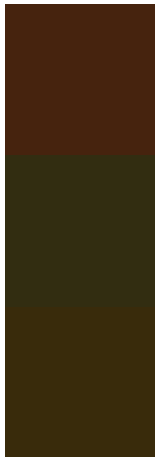


This preview shows how white text looks on a background with the Hex color 46230E.

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
46230E

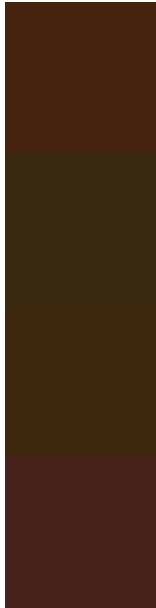
Protanopia
322D11

Deuteranopia
392B0B



Tritanopia
472123

Trichromacy



Original Color
46230E

Protanomaly
392910

Deuteranomaly
3E280C

Tritanomaly
47221B

Monochromacy



Original Color
46230E

Achromatopsia
2B2B2B

Achromatomaly
352820

CSS Examples

Text

The CSS property to change the color of the text to Hex 46230E 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 #46230E looks like.

```
.text, #text, p{  
    color:#46230E  
}
```

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 #46230E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46230E
}
```

Border

The CSS property to change the border of an element to Hex 46230E is called "border". The border property can be set on classes, ids or directly on the HTML element.

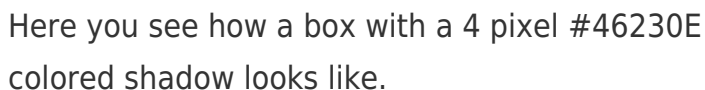
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46230E }
```

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

```
.border{ border-color:#46230E }
```

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



Here you see how a box with a 4 pixel #46230E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46230E; -webkit-box-shadow:4px 4px  
4px 4px #46230E; box-shadow:4px 4px 4px  
4px #46230E }
```

Background

The CSS property to change the background color of an element to Hex 46230E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46230E }
```

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

```
.background{ background-color:#46230E }
```

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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