

Converting Colors

Hex(46160E)

Have a look what the booklet for
Hex(46160E) contains.

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Color

Hex(46160E)

Conversions

Conversions Part 1

Format	Color
Hex	46160E
RGB	70, 22, 14
RGB Percent	27%, 9%, 5%
CMY	0.7255, 0.9137, 0.9451
CMYK	0.00, 0.69, 0.80, 0.73
HSL	9°, 67%, 16%
HSV	9°, 80%, 27%
XYZ	2.8920, 1.9076, 0.6312
YIQ	35.4400, 31.1760, 7.6880

Conversions

Conversions Part 2

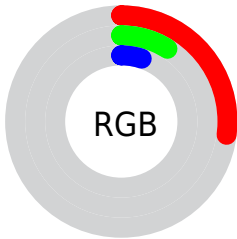
Format	Color
RYB	70, 23, 14
Decimal	4593166
CIELab	14.99, 22.50, 16.82
CIElCh	15, 28.092, 36.791
Yxy	1.9076, 0.5325, 0.3513
Android (android.graphics.Color)	4282783246 (0xFF46160E)
YUV	35.4400, -10.5699, 30.3091
Hunter-Lab	13.8116, 13.2050, 6.9584

Details

The Hex color **46160E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E3E46**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7A4339**, and **020000** is the 20% darker color. If you saturate the color by 10%, you get **461007**, and if you desaturate by 10%, it is **461C15**.

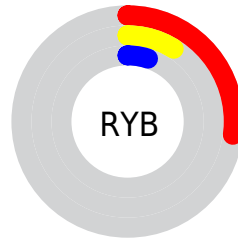
Distribution



Red (27%)

Green (9%)

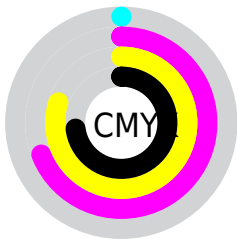
Blue (5%)



Red (27%)

Yellow (9%)

Blue (5%)

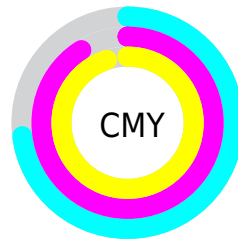


Cyan (0%)

Magenta (69%)

Yellow (80%)

Black (73%)



Cyan (73%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46160E 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 46160E by changing the saturation by 10% instead.

 46160E

 46160E

 FFFDEE

 2E0000

 7A4339

 020000

 955B50

 000000

 B17468

 CE8E81

 EBA99B

 FFC4B6

 FFE0D1

 46160E

 46160E

■ 461007

■ 461C15

■ 460A00

■ 46221C

■ 462823

■ 462E2A

■ 463431

■ 463A38

■ 46403F

■ 464646

■ 464C4D

Harmonies

Analogous

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



491122



46160E



3C1F00

Triad

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



46160E



002E15



00274D

Complementary

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



46160E



0E3E46

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.



002C4A



46160E



002F2A

Square

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



46160E



172B00



002E3D



2C1E46

Rectangle

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



46160E



322400



002E3D



00294D

Sweetspot

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



46160E



5C4946



460E3F



2E2221



ADADAD



2E2E2E

Same Dimension

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



46160E



5C1004



46310E



242120



630E00



E32000

Inverse Universe

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



0E3E46



044F5C



0E2346



202324



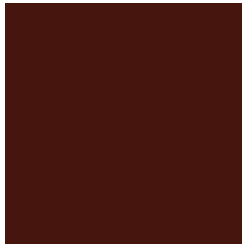
005563



00C3E3

Previews

White Background



This preview shows how the Hex color 46160E 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

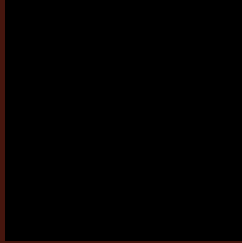
Any Text WCAG AA × Fail

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 46160E Background



This preview shows how black text looks on a background with the Hex color 46160E.

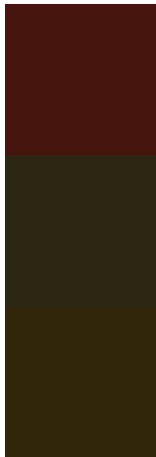


This preview shows how white text looks on a background with the Hex color 46160E.

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
46160E

Protanopia
2B2713

Deuteranopia
31250A



Tritanopia
461516

Trichromacy



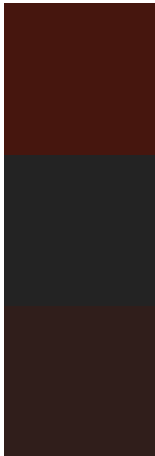
Original Color
46160E

Protanomaly
352111

Deuteranomaly
39200B

Tritanomaly
461513

Monochromacy



Original Color
46160E

Achromatopsia
232323

Achromatomaly
301E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 46160E 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 #46160E looks like.

```
.text, #text, p{  
    color:#46160E  
}
```

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 #46160E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46160E
}
```

Border

The CSS property to change the border of an element to Hex 46160E is called "border". The border property can be set on classes, ids or directly on the HTML element.

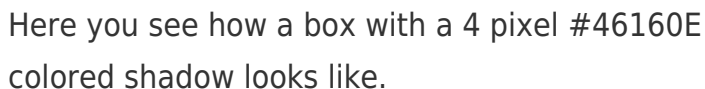
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46160E }
```

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

```
.border{ border-color:#46160E }
```

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



Here you see how a box with a 4 pixel #46160E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46160E; -webkit-box-shadow:4px 4px  
4px 4px #46160E; box-shadow:4px 4px 4px  
4px #46160E }
```

Background

The CSS property to change the background color of an element to Hex 46160E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46160E }
```

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

```
.background{ background-color:#46160E }
```

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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