

Converting Colors

Hex(16230E)

Have a look what the booklet for
Hex(16230E) contains.

Hex(16230E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(16230E)

Conversions

Conversions Part 1

Format	Color
Hex	16230E
RGB	22, 35, 14
RGB Percent	9%, 14%, 5%
CMY	0.9137, 0.8627, 0.9451
CMYK	0.37, 0.00, 0.60, 0.86
HSL	97°, 43%, 10%
HSV	97°, 60%, 14%
XYZ	1.0112, 1.4043, 0.6332
YIQ	28.7190, -1.0070, -9.2870

Conversions

Conversions Part 2

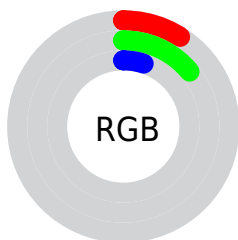
Format	Color
R _Y B	14, 35, 27
Decimal	1450766
CIE Lab	11.99, -10.66, 11.61
CIE LCh	12, 15.763, 132.570
Yxy	1.4043, 0.3317, 0.4606
Android (android.graphics.Color)	4279640846 (0xFF16230E)
YUV	28.7190, -7.2565, -5.8926
Hunter-Lab	11.8505, -5.5074, 5.1272

Details

The Hex color **16230E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1B0E23**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **415039**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **14230B**, and if you desaturate by 10%, it is **182311**.

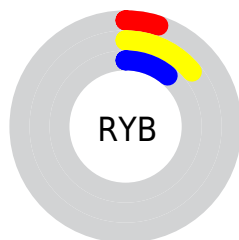
Distribution



Red (9%)

Green (14%)

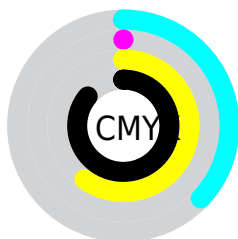
Blue (5%)



Red (5%)

Yellow (14%)

Blue (11%)

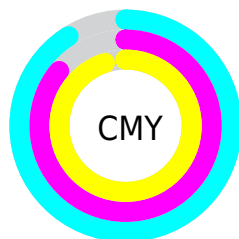


Cyan (37%)

Magenta (0%)

Yellow (60%)

Black (86%)



Cyan (91%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16230E 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 16230E by changing the saturation by 10% instead.

 16230E

 16230E

 F9FFEE

 000D00

 415039

 000000

 586850

 718168

 8B9B81

 A5B69B

 C0D1B6

 DCEDD1

 16230E

 16230E

■ 14230B

■ 182311

■ 122307

■ 1A2315

■ 102303

■ 1D2319

■ 0D2300

■ 1F231C

■ 212320

■ 232323

■ 252327

■ 27232A

■ 2A232E

Harmonies

Analogous

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



222006



16230E



062519

Triad

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



16230E



002234



34171B

Complementary

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



16230E



1B0E23

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.



301726



16230E



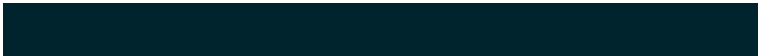
161F35

Square

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



16230E



00242E



261B2F



321911

Rectangle

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



16230E



002520



261B2F



33161F

Sweetspot

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



16230E



292E26



231B0E



141712



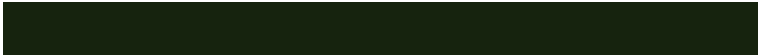
969696



171717

Same Dimension

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



16230E



192E0D



0E2310



111210



1F5200



50D100

Inverse Universe

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



1B0E23



210D2E



230E21



111012



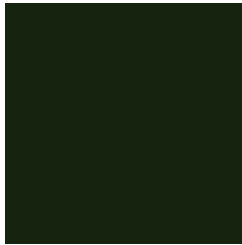
330052



8100D1

Previews

White Background



This preview shows how the Hex color 16230E looks on a white background.

Color Contrast Check

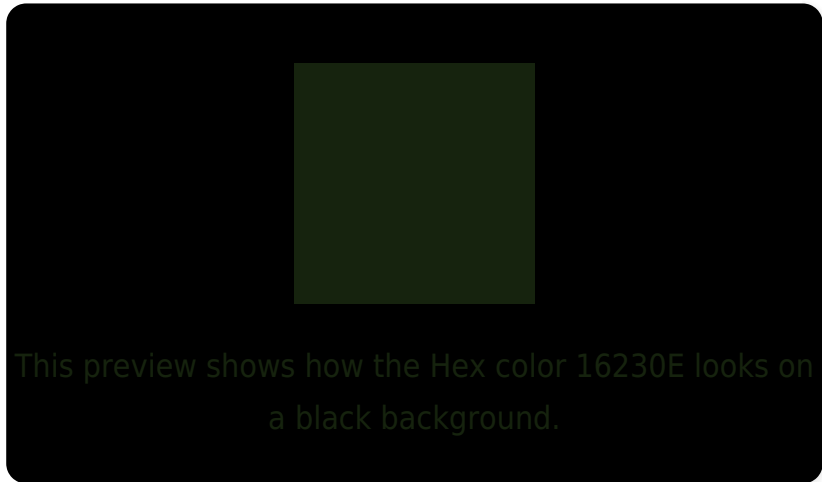
Large Text (above 18pt) WCAG AA ✓ Pass

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

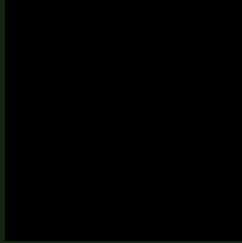
Any Text WCAG AA × Fail

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 16230E Background



This preview shows how black text looks on a background with the Hex color 16230E.



This preview shows how white text looks on a background with the Hex color 16230E.

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](#).

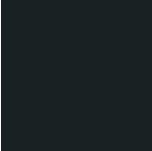
Dichromacy



Original Color
16230E

Protanopia
23200D

Deuteranopia
271E0F



Tritanopia
192123

Trichromacy



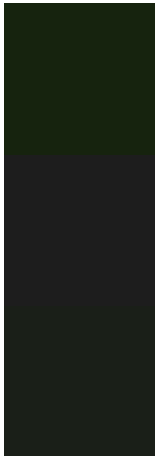
Original Color
16230E

Protanomaly
1E210D

Deuteranomaly
21200F

Tritanomaly
18221B

Monochromacy



Original Color
16230E

Achromatopsia
1D1D1D

Achromatomaly
1A1F18

CSS Examples

Text

The CSS property to change the color of the text to Hex 16230E 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 #16230E looks like.

```
.text, #text, p{  
    color:#16230E  
}
```

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 #16230E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16230E
}
```

Border

The CSS property to change the border of an element to Hex 16230E is called "border". The border property can be set on classes, ids or directly on the HTML element.

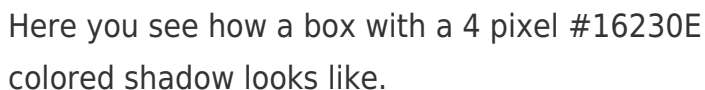
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16230E }
```

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

```
.border{ border-color:#16230E }
```

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



Here you see how a box with a 4 pixel #16230E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16230E; -webkit-box-shadow:4px 4px  
4px 4px #16230E; box-shadow:4px 4px 4px  
4px #16230E }
```

Background

The CSS property to change the background color of an element to Hex 16230E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16230E }
```

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

```
.background{ background-color:#16230E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor