

Converting Colors

Hex(233E0C)

Have a look what the booklet for
Hex(233E0C) contains.

Hex(233E0C)	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(233E0C)

Conversions

Conversions Part 1

Format	Color
Hex	233E0C
RGB	35, 62, 12
RGB Percent	14%, 24%, 5%
CMY	0.8627, 0.7569, 0.9529
CMYK	0.44, 0.00, 0.81, 0.76
HSL	92°, 68%, 15%
HSV	92°, 81%, 24%
XYZ	2.4821, 3.8291, 0.9561
YIQ	48.2270, -0.0420, -21.2740

Conversions

Conversions Part 2

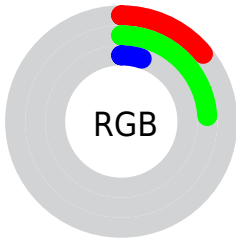
Format	Color
RYB	12, 62, 39
Decimal	2309644
CIELab	23.10, -20.18, 26.15
CIELCh	23, 33.033, 127.665
Yxy	3.8291, 0.3415, 0.5269
Android (android.graphics.Color)	4280499724 (0xFF233E0C)
YUV	48.2270, -17.8599, -11.6001
Hunter-Lab	19.5681, -11.6024, 10.8008

Details

The Hex color **233E0C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **270C3E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **526E39**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **203E06**, and if you desaturate by 10%, it is **263E12**.

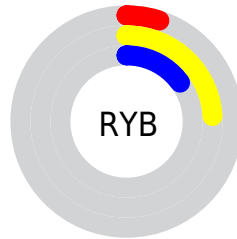
Distribution



Red (14%)

Green (24%)

Blue (5%)



Red (5%)

Yellow (24%)

Blue (15%)

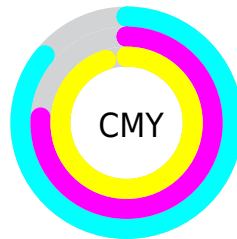


Cyan (44%)

Magenta (0%)

Yellow (81%)

Black (76%)



Cyan (86%)

Magenta (76%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233E0C 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 233E0C by changing the saturation by 10% instead.

 233E0C

 233E0C

 FFFFF0

 0E2800

 526E39

 001300

 6B8751

 000000

 85A269

 A0BD83

 BBD89D

 D7F5B8

 F4FFD4

 233E0C

 233E0C

■ 203E06

■ 263E12

■ 1D3E00

■ 2A3E18

■ 2D3E1F

■ 303E25

■ 343E2B

■ 373E31

■ 3A3E37

■ 3E3E3E

■ 413E44

Harmonies

Analogous

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



3E3800



233E0C



004123

Triad

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



233E0C



003F65



631E32

Complementary

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



233E0C



270C3E

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.



59234A



233E0C



013868

Square

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



233E0C



004255



402E5E



60241A

Rectangle

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



233E0C



004234



402E5E



611F3A

Sweetspot

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



233E0C



47523E



3E270C



22291D



A8A8A8



292929

Same Dimension

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



233E0C



275202



0C3E0E



1D1F1C



2B5E00



66DE00

Inverse Universe

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



270C3E



2D0252



3E0C3C



1D1C1F



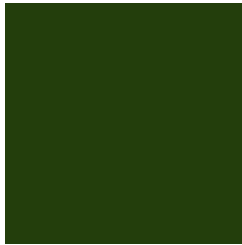
33005E



7800DE

Previews

White Background



This preview shows how the Hex color 233E0C 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

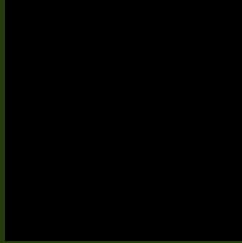
Any Text WCAG AA × Fail

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 233E0C Background



This preview shows how black text looks on a background with the Hex color 233E0C.



This preview shows how white text looks on a background with the Hex color 233E0C.

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
233E0C

Protanopia
3E370A

Deuteranopia
453411

Trichromacy



Original Color
233E0C

Protanomaly
343A0B

Deuteranomaly
39380F

Tritanomaly
273B2C

Monochromacy



Original Color
233E0C

Achromatopsia
303030

Achromatomaly
2B3523

CSS Examples

Text

The CSS property to change the color of the text to Hex 233E0C 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 #233E0C looks like.

```
.text, #text, p{  
    color:#233E0C  
}
```

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 #233E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233E0C
}
```

Border

The CSS property to change the border of an element to Hex 233E0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

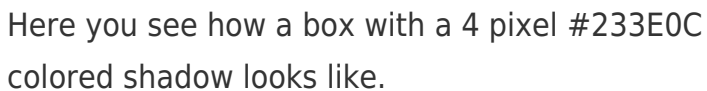
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#233E0C }
```

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

```
.border{ border-color:#233E0C }
```

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



Here you see how a box with a 4 pixel #233E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233E0C; -webkit-box-shadow:4px 4px  
4px 4px #233E0C; box-shadow:4px 4px 4px  
4px #233E0C }
```

Background

The CSS property to change the background color of an element to Hex 233E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233E0C }
```

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

```
.background{ background-color:#233E0C }
```

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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