

Converting Colors

Hex(233D0C)

Have a look what the booklet for
Hex(233D0C) contains.

Hex(233D0C)	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(233D0C)

Conversions

Conversions Part 1

Format	Color
Hex	233D0C
RGB	35, 61, 12
RGB Percent	14%, 24%, 5%
CMY	0.8627, 0.7608, 0.9529
CMYK	0.43, 0.00, 0.80, 0.76
HSL	92°, 67%, 14%
HSV	92°, 80%, 24%
XYZ	2.4282, 3.7214, 0.9381
YIQ	47.6400, 0.2330, -20.7510

Conversions

Conversions Part 2

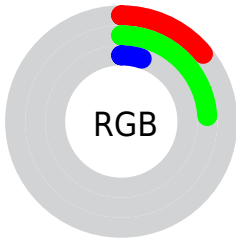
Format	Color
R_{YB}	12, 61, 38
Decimal	2309388
CIE Lab	22.73, -19.67, 25.77
CIE LCh	23, 32.417, 127.357
Yxy	3.7214, 0.3426, 0.5250
Android (android.graphics.Color)	4280499468 (0xFF233D0C)
YUV	47.6400, -17.5705, -11.0853
Hunter-Lab	19.2908, -11.2902, 10.6202

Details

The Hex color **233D0C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **260C3D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **526D39**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **203D06**, and if you desaturate by 10%, it is **263D12**.

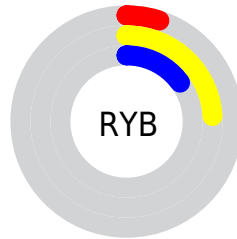
Distribution



 Red (14%)

 Green (24%)

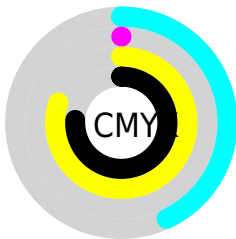
 Blue (5%)




 Red (5%)

 Yellow (24%)

 Blue (15%)

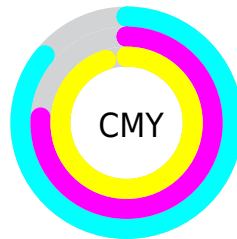



 Cyan (43%)

 Magenta (0%)

 Yellow (80%)

 Black (76%)



 Cyan (86%)

 Magenta (76%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233D0C 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 233D0C by changing the saturation by 10% instead.

 233D0C

 233D0C

 FFFFF0

 0E2700

 526D39

 001100

 6B8650

 000000

 85A069

 9FBB82

 BBD79D

 D7F4B8

 F3FFD4

 233D0C

 233D0C

■ 203D06

■ 263D12

■ 1D3D00

■ 293D18

■ 2D3D1E

■ 303D24

■ 333D2B

■ 363D31

■ 3A3D37

■ 3D3D3D

■ 403D43

Harmonies

Analogous

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



3D3700



233D0C



004023

Triad

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



233D0C



003E63



611E31

Complementary

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



233D0C



260C3D

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.



582349



233D0C



023766

Square

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



233D0C



004153



3F2D5D



5E241A

Rectangle

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



233D0C



004133



3F2D5D



601E39

Sweetspot

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



233D0C



454F3C



3D250C



23291D



A8A8A8



292929

Same Dimension

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



233D0C



274F03



0C3D0D



1D1F1C



2C5E00



68DE00

Inverse Universe

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



260C3D



2B034F



3D0C3C



1D1C1F



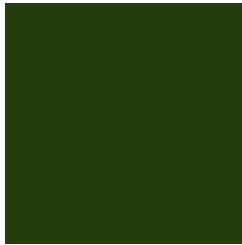
32005E



7600DE

Previews

White Background



This preview shows how the Hex color 233D0C 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

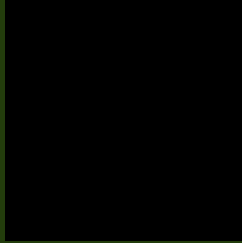
Any Text WCAG AA × Fail

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 233D0C Background



This preview shows how black text looks on a background with the Hex color 233D0C.



This preview shows how white text looks on a background with the Hex color 233D0C.

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](#).

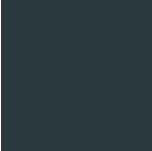
Dichromacy



Original Color
233D0C

Protanopia
3D360A

Deuteranopia
443411



Tritanopia
2A393D

Trichromacy



Original Color
233D0C

Protanomaly
34390B

Deuteranomaly
38370F

Tritanomaly
273A2B

Monochromacy



Original Color
233D0C

Achromatopsia
303030

Achromatomaly
2B3523

CSS Examples

Text

The CSS property to change the color of the text to Hex 233D0C 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 #233D0C looks like.

```
.text, #text, p{  
    color:#233D0C  
}
```

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 #233D0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233D0C
}
```

Border

The CSS property to change the border of an element to Hex 233D0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

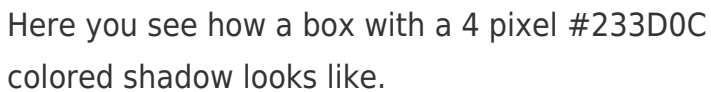
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#233D0C }
```

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

```
.border{ border-color:#233D0C }
```

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



Here you see how a box with a 4 pixel #233D0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233D0C; -webkit-box-shadow:4px 4px  
4px 4px #233D0C; box-shadow:4px 4px 4px  
4px #233D0C }
```

Background

The CSS property to change the background color of an element to Hex 233D0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233D0C }
```

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

```
.background{ background-color:#233D0C }
```

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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