

Converting Colors

Hex(233800)

Have a look what the booklet for
Hex(233800) contains.

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Color

Hex(233800)

Conversions

Conversions Part 1

Format	Color
Hex	233800
RGB	35, 56, 0
RGB Percent	14%, 22%, 0%
CMY	0.8627, 0.7804, 1.0000
CMYK	0.38, 0.00, 1.00, 0.78
HSL	82°, 100%, 11%
HSV	82°, 100%, 22%
XYZ	2.1073, 3.1857, 0.5038
YIQ	43.3370, 5.4600, -21.8680

Conversions

Conversions Part 2

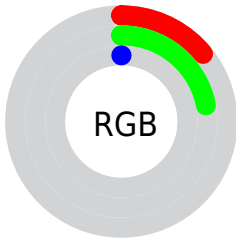
Format	Color
RYB	0, 56, 21
Decimal	2308096
CIELab	20.77, -18.04, 28.61
CIELCh	21, 33.820, 122.232
Yxy	3.1857, 0.3635, 0.5496
Android (android.graphics.Color)	4280498176 (0xFF233800)
YUV	43.3370, -21.3651, -7.3115
Hunter-Lab	17.8484, -10.1599, 10.8203

Details

The Hex color **233800** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **150038**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **52672F**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **233800**, and if you desaturate by 10%, it is **253806**.

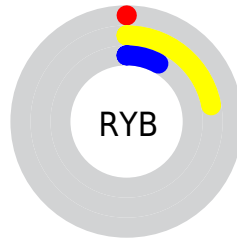
Distribution



Red (14%)

Green (22%)

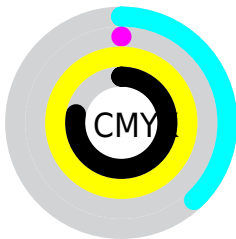
Blue (0%)



Red (0%)

Yellow (22%)

Blue (8%)

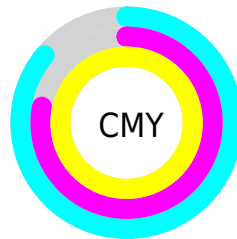


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (78%)



Cyan (86%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233800 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 233800 by changing the saturation by 10% instead.

 233800

 233800

 FFFFE5

 0C2200

 52672F

 000500

 6B8047

 000000

 859A5F

 9FB578

 BBD192

 D7EDAD

 F3FFC9

 233800

■ 253806

■ 27380B

■ 293811

■ 2B3816

■ 2E381C

■ 303822

■ 323827

■ 34382D

■ 363832

Harmonies

Analogous

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



3D3100



233800



003C19

Triad

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



233800



003A5E



5D1731

Complementary

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



233800



150038

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.



511E4A



233800



003464

Square

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



233800



003D4C



342A5C



5C1D19

Rectangle

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



233800



003D2A



342A5C



5B183A

Sweetspot

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



233800



424A34



381500



212618



A6A6A6



262626

Same Dimension

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



233800



2E4A00



073800



1B1C19



395C00



89DB00

Inverse Universe

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



150038



1C004A



310038



1A191C



22005C



5200DB

Previews

White Background



This preview shows how the Hex color 233800 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

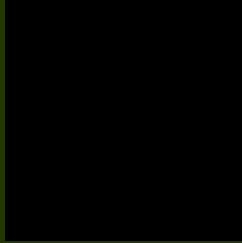
Any Text WCAG AA × Fail

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 233800 Background



This preview shows how black text looks on a background with the Hex color 233800.



This preview shows how white text looks on a background with the Hex color 233800.

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
233800

Protanopia
393200

Deuteranopia
3F300B



Tritanopia
293438

Trichromacy



Original Color
233800

Protanomaly
313400

Deuteranomaly
353307

Tritanomaly
273524

Monochromacy



Original Color
233800

Achromatopsia
2B2B2B

Achromatomaly
28301B

CSS Examples

Text

The CSS property to change the color of the text to Hex 233800 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 #233800 looks like.

```
.text, #text, p{  
    color:#233800  
}
```

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 #233800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233800
}
```

Border

The CSS property to change the border of an element to Hex 233800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

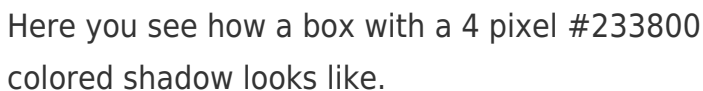
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#233800 }
```

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

```
.border{ border-color:#233800 }
```

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



Here you see how a box with a 4 pixel #233800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233800; -webkit-box-shadow:4px 4px  
4px 4px #233800; box-shadow:4px 4px 4px  
4px #233800 }
```

Background

The CSS property to change the background color of an element to Hex 233800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233800 }
```

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

```
.background{ background-color:#233800 }
```

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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