

Converting Colors

Hex(223C00)

Have a look what the booklet for
Hex(223C00) contains.

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Color

Hex(223C00)

Conversions

Conversions Part 1

Format	Color
Hex	223C00
RGB	34, 60, 0
RGB Percent	13%, 24%, 0%
CMY	0.8667, 0.7647, 1.0000
CMYK	0.43, 0.00, 1.00, 0.76
HSL	86°, 100%, 12%
HSV	86°, 100%, 24%
XYZ	2.2755, 3.5718, 0.5695
YIQ	45.3860, 3.7640, -24.1720

Conversions

Conversions Part 2

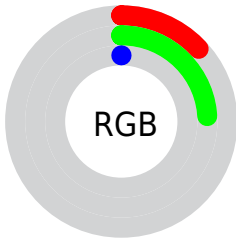
Format	Color
RYB	0, 60, 26
Decimal	2243584
CIELab	22.20, -20.56, 30.13
CIELCh	22, 36.478, 124.301
Yxy	3.5718, 0.3546, 0.5566
Android (android.graphics.Color)	4280433664 (0xFF223C00)
YUV	45.3860, -22.3753, -9.9855
Hunter-Lab	18.8992, -11.5814, 11.4428

Details

The Hex color **223C00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1A003C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **526C30**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **223C00**, and if you desaturate by 10%, it is **253C06**.

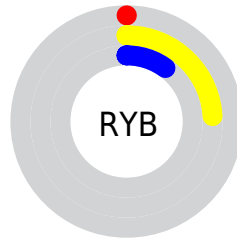
Distribution



Red (13%)

Green (24%)

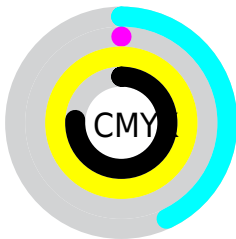
Blue (0%)



Red (0%)

Yellow (24%)

Blue (10%)

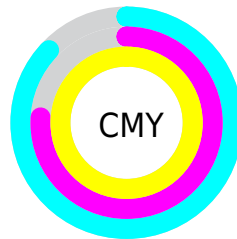


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (87%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223C00 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 223C00 by changing the saturation by 10% instead.

 223C00

 223C00

 FFFFE6

 0B2600

 526C30

 000E00

 6B8547

 000000

 849F60

 9FBA79

 BAD693

 D7F2AE

 F3FFC9

 223C00

■ 253C06

■ 273C0C

■ 2A3C12

■ 2C3C18

■ 2F3C1E

■ 323C24

■ 343C2A

■ 373C30

■ 393C36

Harmonies

Analogous

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



3F3500



223C00



00401C

Triad

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



223C00



003E66



641732

Complementary

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



223C00



1A003C

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.



581E4D



223C00



00376B

Square

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



223C00



004153



3A2C62



621E18

Rectangle

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



223C00



00412F



3A2C62



62183B

Sweetspot

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



223C00



454F37



3C1A00



22291A



A8A8A8



292929

Same Dimension

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



223C00



2D4F00



043C00



1D1F1C



355E00



7EDE00

Inverse Universe

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



1A003C



22004F



38003C



1D1C1F



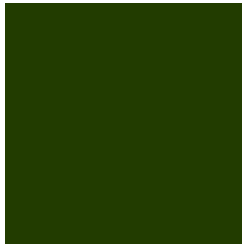
29005E



6000DE

Previews

White Background



This preview shows how the Hex color 223C00 looks on a white background.

Color Contrast Check

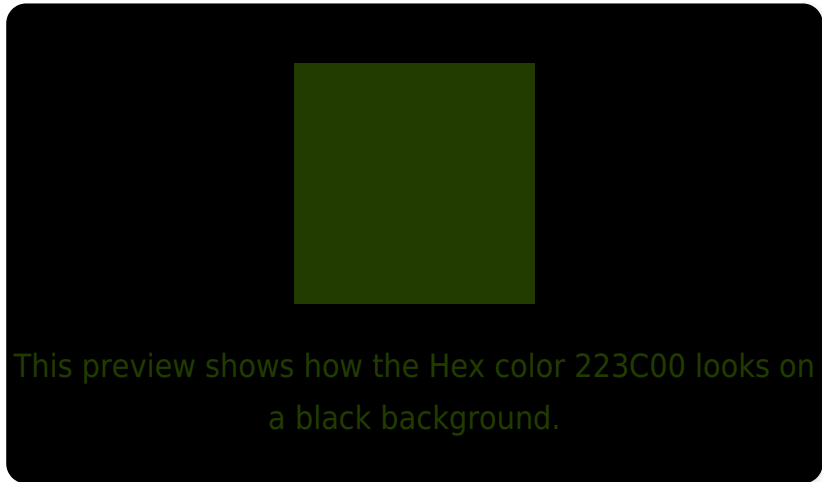
Large Text (above 18pt) WCAG AA ✓ Pass

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

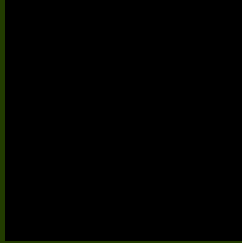
Any Text WCAG AA × Fail

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 223C00 Background



This preview shows how black text looks on a background with the Hex color 223C00.



This preview shows how white text looks on a background with the Hex color 223C00.

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](#).

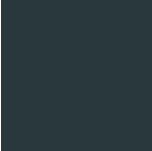
Dichromacy



Original Color
223C00

Protanopia
3C3500

Deuteranopia
43330C



Tritanopia
29383C

Trichromacy



Original Color
223C00

Protanomaly
333800

Deuteranomaly
373608

Tritanomaly
263926

Monochromacy



Original Color
223C00

Achromatopsia
2D2D2D

Achromatomaly
29321D

CSS Examples

Text

The CSS property to change the color of the text to Hex 223C00 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 #223C00 looks like.

```
.text, #text, p{  
    color:#223C00  
}
```

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 #223C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223C00
}
```

Border

The CSS property to change the border of an element to Hex 223C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

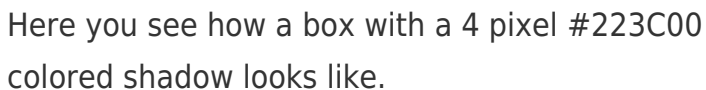
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#223C00 }
```

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

```
.border{ border-color:#223C00 }
```

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



Here you see how a box with a 4 pixel #223C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223C00; -webkit-box-shadow:4px 4px  
4px 4px #223C00; box-shadow:4px 4px 4px  
4px #223C00 }
```

Background

The CSS property to change the background color of an element to Hex 223C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223C00 }
```

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

```
.background{ background-color:#223C00 }
```

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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