

Converting Colors

Hex(234B0C)

Have a look what the booklet for
Hex(234B0C) contains.

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Color

Hex(234B0C)

Conversions

Conversions Part 1

Format	Color
Hex	234B0C
RGB	35, 75, 12
RGB Percent	14%, 29%, 5%
CMY	0.8627, 0.7059, 0.9529
CMYK	0.53, 0.00, 0.84, 0.71
HSL	98°, 72%, 17%
HSV	98°, 84%, 29%
XYZ	3.2756, 5.4160, 1.2206
YIQ	55.8580, -3.6170, -28.0730

Conversions

Conversions Part 2

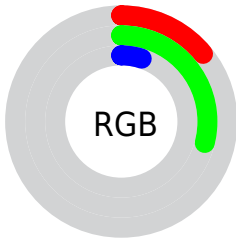
Format	Color
RYB	12, 75, 52
Decimal	2312972
CIELab	27.89, -26.46, 30.91
CIELCh	28, 40.690, 130.569
Yxy	5.4160, 0.3305, 0.5464
Android (android.graphics.Color)	4280503052 (0xFF234B0C)
YUV	55.8580, -21.6220, -18.2925
Hunter-Lab	23.2724, -15.6028, 13.1810

Details

The Hex color **234B0C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **340C4B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **547C3B**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **1E4B05**, and if you desaturate by 10%, it is **284B14**.

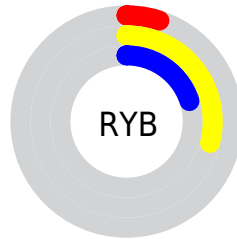
Distribution



Red (14%)

Green (29%)

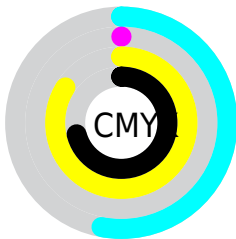
Blue (5%)



Red (5%)

Yellow (29%)

Blue (20%)

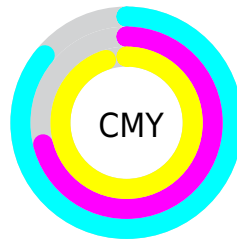


Cyan (53%)

Magenta (0%)

Yellow (84%)

Black (71%)



Cyan (86%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234B0C 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 234B0C by changing the saturation by 10% instead.

 234B0C

 234B0C

 FFFFF4

 0C3400

 547C3B

 002000

 6E9653

 000000

 88B16C

 A3CD86

 BEE9A0

 DBFFBC

 F8FFD8

 234B0C

 234B0C

■ 1E4B05

■ 284B14

■ 1B4B00

■ 2D4B1B

■ 314B23

■ 364B2A

■ 3B4B31

■ 404B39

■ 444B41

■ 494B48

■ 4E4B50

Harmonies

Analogous

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



464400



234B0C



004F2C

Triad

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



234B0C



004B7D



792038

Complementary

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



234B0C



340C4B

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.



6F2557



234B0C



004280

Square

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



234B0C



004F6A



513472



732B1A

Rectangle

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



234B0C



005042



513472



782043

Sweetspot

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



234B0C



526149



4B340C



273022



B0B0B0



303030

Same Dimension

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



234B0C



236100



0C4B14



242622



256600



54E600

Inverse Universe

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



340C4B



3E0061



4B0C43



252226



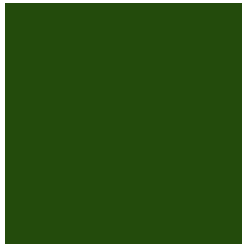
410066



9200E6

Previews

White Background



This preview shows how the Hex color 234B0C looks on a white background.

Color Contrast Check

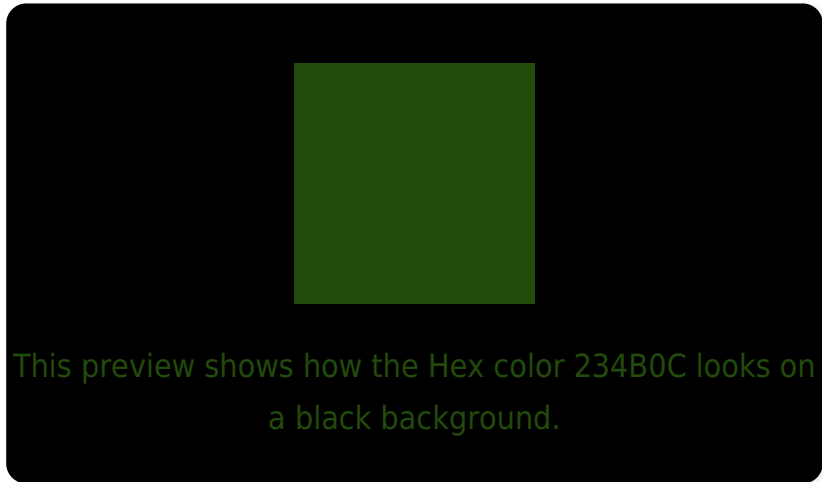
Large Text (above 18pt) WCAG AA ✓ Pass

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

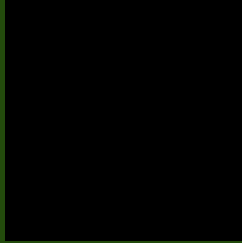
Any Text WCAG AA × Fail

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 234B0C Background



This preview shows how black text looks on a background with the Hex color 234B0C.



This preview shows how white text looks on a background with the Hex color 234B0C.

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
234B0C

Protanopia
4A4209

Deuteranopia
533E13



Tritanopia
2E464B

Trichromacy



Original Color
234B0C

Protanomaly
3C450A

Deuteranomaly
424310

Tritanomaly
2A4834

Monochromacy



Original Color
234B0C

Achromatopsia
383838

Achromatomaly
303F28

CSS Examples

Text

The CSS property to change the color of the text to Hex 234B0C 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 #234B0C looks like.

```
.text, #text, p{  
    color:#234B0C  
}
```

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 #234B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234B0C
}
```

Border

The CSS property to change the border of an element to Hex 234B0C 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".

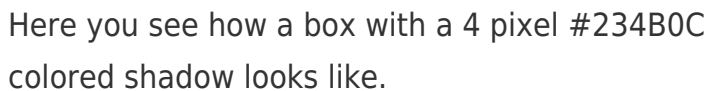
```
.border, #border, table{ border:4px solid
#234B0C }
```

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

```
.border{ border-color:#234B0C }
```

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

Here you see how a box with a 4 pixel #234B0C colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and right sides. Below the box, there is a thick dark green horizontal bar that extends across the width of the box, creating a shadow effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234B0C; -webkit-box-shadow:4px 4px  
4px 4px #234B0C; box-shadow:4px 4px 4px  
4px #234B0C }
```

Background

The CSS property to change the background color of an element to Hex 234B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234B0C }
```

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

```
.background{ background-color:#234B0C }
```

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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