

Converting Colors

Hex(2C230C)

Have a look what the booklet for
Hex(2C230C) contains.

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Color

Hex(2C230C)

Conversions

Conversions Part 1

Format	Color
Hex	2C230C
RGB	44, 35, 12
RGB Percent	17%, 14%, 5%
CMY	0.8275, 0.8627, 0.9529
CMYK	0.00, 0.20, 0.73, 0.83
HSL	43°, 57%, 11%
HSV	43°, 73%, 17%
XYZ	1.7061, 1.7641, 0.5984
YIQ	35.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

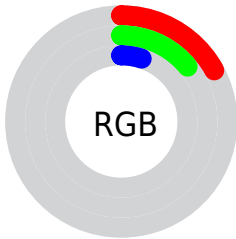
Format	Color
RYB	25, 44, 12
Decimal	2892556
CIELab	14.20, 0.76, 15.92
CIELCh	14, 15.936, 87.280
Yxy	1.7641, 0.4193, 0.4336
Android (android.graphics.Color)	4281082636 (0xFF2C230C)
YUV	35.0690, -11.3730, 7.8325
Hunter-Lab	13.2819, -0.3144, 6.6260

Details

The Hex color **2C230C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C152C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5B4F37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C2208**, and if you desaturate by 10%, it is **2C2410**.

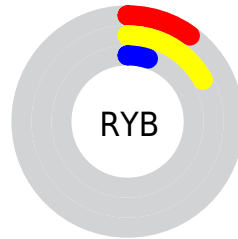
Distribution



Red (17%)

Green (14%)

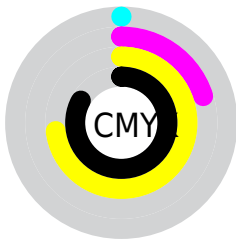
Blue (5%)



Red (10%)

Yellow (17%)

Blue (5%)

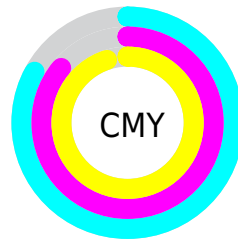


Cyan (0%)

Magenta (20%)

Yellow (73%)

Black (83%)



Cyan (83%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C230C 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 2C230C by changing the saturation by 10% instead.

 2C230C

 2C230C

 FFFFEC

 160E00

 5B4F37

 000000

 74674E

 8D8066

 A89A7F

 C4B599

 E0D0B4

 FCEDD0

 2C230C

 2C230C

■ 2C2208

■ 2C2410

■ 2C2103

■ 2C2515

■ 2C2000

■ 2C2719

■ 2C281E

■ 2C2922

■ 2C2A26

■ 2C2C2B

■ 2C2D2F

■ 2C2E34

Harmonies

Analogous

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



341F11



2C230C



21260F

Triad

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



2C230C



002A2E



311D30

Complementary

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



2C230C



0C152C

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.



232138



2C230C



002836

Square

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



2C230C



022A23



0F253A



381B25

Rectangle

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



2C230C



182814



0F253A



2D1F33

Sweetspot

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



2C230C



38352C



2C0C15



1C1A15



9C9C9C



1C1C1C

Same Dimension

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



2C230C



382A07



252C0C



171615



573E00



D69A00

Inverse Universe

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



0C152C



071538



130C2C



151517



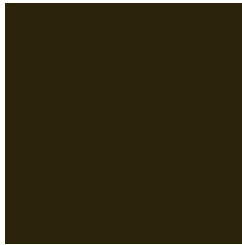
001857



003CD6

Previews

White Background



This preview shows how the Hex color 2C230C looks on a white background.

Color Contrast Check

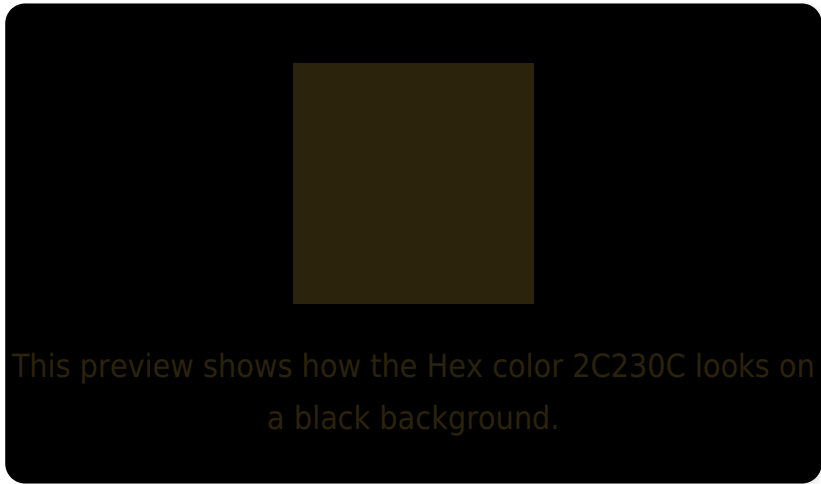
Large Text (above 18pt) WCAG AA ✓ Pass

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

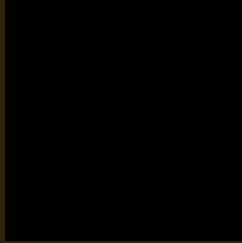
Any Text WCAG AA × Fail

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 2C230C Background



This preview shows how black text looks on a background with the Hex color 2C230C.

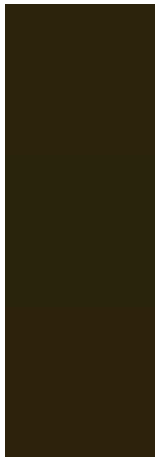


This preview shows how white text looks on a background with the Hex color 2C230C.

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](#).

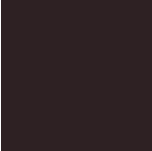
Dichromacy



Original Color
2C230C

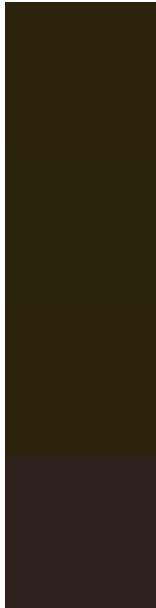
Protanopia
29240C

Deuteranopia
2D220C



Tritanopia
2E2123

Trichromacy



Original Color
2C230C

Protanomaly
2A240C

Deuteranomaly
2D220C

Tritanomaly
2D221B

Monochromacy



Original Color
2C230C

Achromatopsia
232323

Achromatomaly
26231B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C230C 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 #2C230C looks like.

```
.text, #text, p{  
    color:#2C230C  
}
```

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 #2C230C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C230C
}
```

Border

The CSS property to change the border of an element to Hex 2C230C is called "border". The border property can be set on classes, ids or directly on the HTML element.

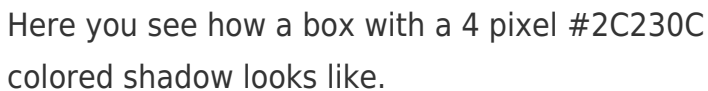
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C230C }
```

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

```
.border{ border-color:#2C230C }
```

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



Here you see how a box with a 4 pixel #2C230C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C230C; -webkit-box-shadow:4px 4px  
4px 4px #2C230C; box-shadow:4px 4px 4px  
4px #2C230C }
```

Background

The CSS property to change the background color of an element to Hex 2C230C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C230C }
```

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

```
.background{ background-color:#2C230C }
```

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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