

Converting Colors

Hex(2C110E)

Have a look what the booklet for
Hex(2C110E) contains.

Hex(2C110E)	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(2C110E)

Conversions

Conversions Part 1

Format	Color
Hex	2C110E
RGB	44, 17, 14
RGB Percent	17%, 7%, 5%
CMY	0.8275, 0.9333, 0.9451
CMYK	0.00, 0.61, 0.68, 0.83
HSL	6°, 52%, 11%
HSV	6°, 68%, 17%
XYZ	1.3184, 0.9681, 0.5328
YIQ	24.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

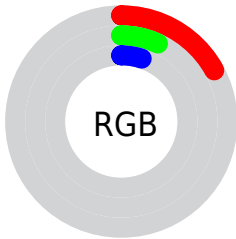
Format	Color
R_{YB}	44, 17, 14
Decimal	2887950
CIE Lab	8.72, 13.57, 7.42
CIE LCh	9, 15.468, 28.656
Yxy	0.9681, 0.4676, 0.3434
Android (android.graphics.Color)	4281078030 (0xFF2C110E)
YUV	24.7310, -5.2904, 16.8989
Hunter-Lab	9.8391, 6.7003, 3.6765

Details

The Hex color **2C110E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E292C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5B3C39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C0D0A**, and if you desaturate by 10%, it is **2C1512**.

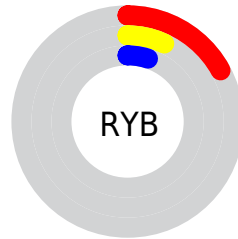
Distribution



Red (17%)

Green (7%)

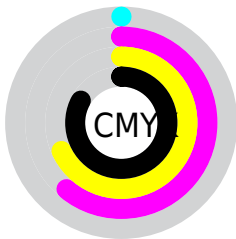
Blue (5%)



Red (17%)

Yellow (7%)

Blue (5%)

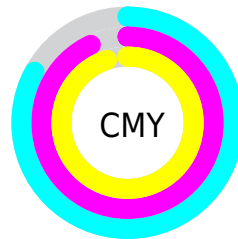


Cyan (0%)

Magenta (61%)

Yellow (68%)

Black (83%)



Cyan (83%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C110E 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 2C110E by changing the saturation by 10% instead.

 2C110E

 2C110E

 FFF2ED

 130000

 5B3C39

 000000

 755350

 8F6B68

 AA8581

 C59F9B

 E1BAB6

 FED6D1

 2C110E

 2C110E

■ 2C0D0A

■ 2C1512

■ 2C0905

■ 2C1917

■ 2C0501

■ 2C1D1B

■ 2C0400

■ 2C2120

■ 2C2524

■ 2C2928

■ 2C2D2D

■ 2C3131

■ 2C3536

Harmonies

Analogous

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



2B101A



2C110E



281400

Triad

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



2C110E



071D0C



041A2D

Complementary

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



2C110E



0E292C

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.



001D2A



2C110E



001F18

Square

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



2C110E



171B00



001E22



19162B

Rectangle

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



2C110E



241700



001E22



001B2D

Sweetspot

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



2C110E



382E2D



2C0E29



1C1615



9C9C9C



1C1C1C

Same Dimension

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



2C110E



380F0A



2C200E



171515



570900



D61500

Inverse Universe

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



0E292C



0A3338



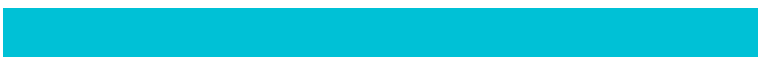
0E1A2C



151717



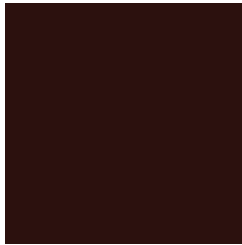
004E57



00C1D6

Previews

White Background



This preview shows how the Hex color 2C110E looks on a white background.

Color Contrast Check

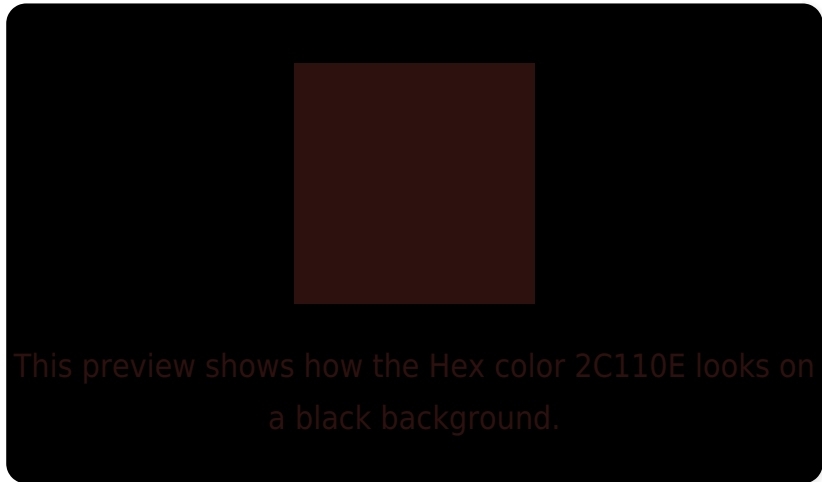
Large Text (above 18pt) WCAG AA ✓ Pass

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

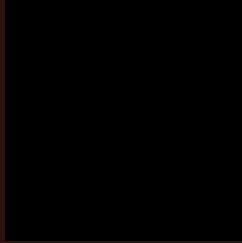
Any Text WCAG AA × Fail

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 2C110E Background



This preview shows how black text looks on a background with the Hex color 2C110E.



This preview shows how white text looks on a background with the Hex color 2C110E.

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

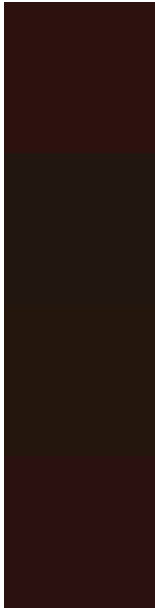


Original Color
2C110E

Protanopia
1C1A11

Deuteranopia
20190D

Trichromacy



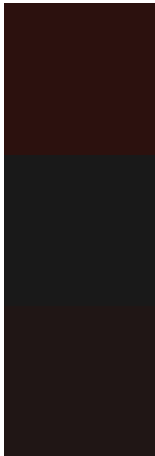
Original Color
2C110E

Protanomaly
221710

Deuteranomaly
24160D

Tritanomaly
2C1111

Monochromacy



Original Color
2C110E

Achromatopsia
191919

Achromatomaly
201615

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C110E 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 #2C110E looks like.

```
.text, #text, p{  
    color:#2C110E  
}
```

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 #2C110E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C110E
}
```

Border

The CSS property to change the border of an element to Hex 2C110E is called "border". The border property can be set on classes, ids or directly on the HTML element.

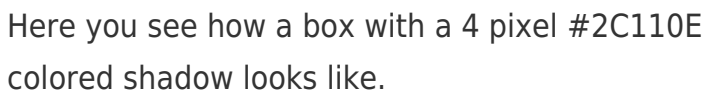
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C110E }
```

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

```
.border{ border-color:#2C110E }
```

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



Here you see how a box with a 4 pixel #2C110E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C110E; -webkit-box-shadow:4px 4px  
4px 4px #2C110E; box-shadow:4px 4px 4px  
4px #2C110E }
```

Background

The CSS property to change the background color of an element to Hex 2C110E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C110E }
```

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

```
.background{ background-color:#2C110E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor