

Converting Colors

Hex(2C000E)

Have a look what the booklet for
Hex(2C000E) contains.

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Color

Hex(2C000E)

Conversions

Conversions Part 1

Format	Color
Hex	2C000E
RGB	44, 0, 14
RGB Percent	17%, 0%, 5%
CMY	0.8275, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.68, 0.83
HSL	341°, 100%, 9%
HSV	341°, 100%, 17%
XYZ	1.1180, 0.5672, 0.4660
YIQ	14.7520, 21.7300, 13.6820

Conversions

Conversions Part 2

Format	Color
RYB	44, 0, 14
Decimal	2883598
CIELab	5.12, 22.66, 2.17
CIElCh	5, 22.765, 5.464
Yxy	0.5672, 0.5197, 0.2637
Android (android.graphics.Color)	4281073678 (0xFF2C000E)
YUV	14.7520, -0.3707, 25.6505
Hunter-Lab	7.5311, 13.3183, 1.6030

Details

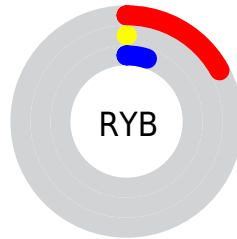
The Hex color **2C000E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002C1E**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5C2D39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C000E**, and if you desaturate by 10%, it is **2C0411**.

Distribution



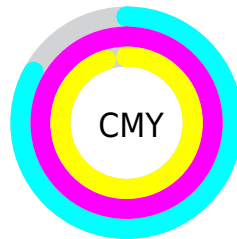
- Red (17%)
- Green (0%)
- Blue (5%)



- Red (17%)
- Yellow (0%)
- Blue (5%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (83%)



- Cyan (83%)
- Magenta (100%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C000E 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 2C000E by changing the saturation by 10% instead.

 2C000E

 2C000E

 FFE2EE

 040000

 5C2D39

 000000

 754450

 905C68

 AB7581

 C78F9B

 E3AAB6

 FFC5D1

 2C000E

■ 2C0411

■ 2C0914

■ 2C0D17

■ 2C121A

■ 2C161D

■ 2C1A20

■ 2C1F23

■ 2C2326

■ 2C2829

Harmonies

Analogous

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



26031E



2C000E



2B0300

Triad

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



2C000E



001700



00172D

Complementary

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



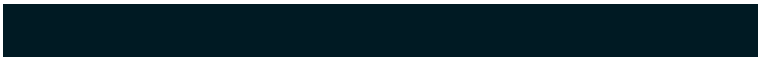
2C000E



002C1E

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.



001A23



2C000E



001A00

Square

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



2C000E



141200



001B14



00122F

Rectangle

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



2C000E



260800



001B14



00182A

Sweetspot

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



2C000E



38272D



1D002C



1C1215



9C9C9C



1C1C1C

Same Dimension

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



2C000E



380012



2C0700



171515



57001C



D60044

Inverse Universe

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



2C000E



380012



00252C



171515



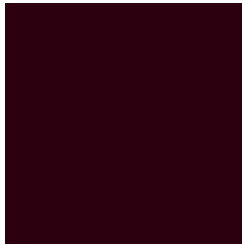
57001C



D60044

Previews

White Background



This preview shows how the Hex color 2C000E looks on a white background.

Color Contrast Check

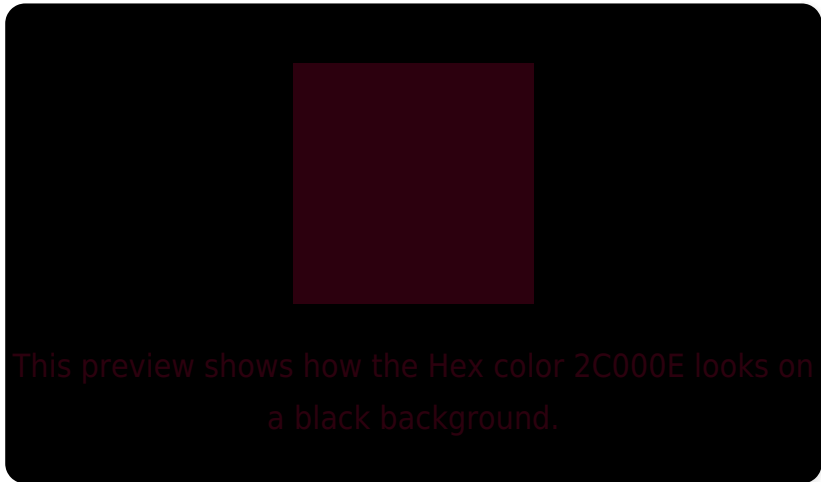
Large Text (above 18pt) WCAG AA ✓ Pass

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

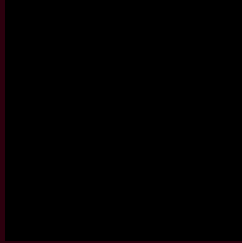
Any Text WCAG AA × Fail

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 2C000E Background



This preview shows how black text looks on a background with the Hex color 2C000E.

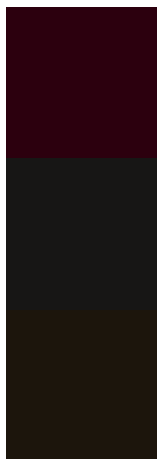


This preview shows how white text looks on a background with the Hex color 2C000E.

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
2C000E

Protanopia
171615

Deuteranopia
1C150C

Trichromacy



Original Color

2C000E

Protanomaly

1F0E12

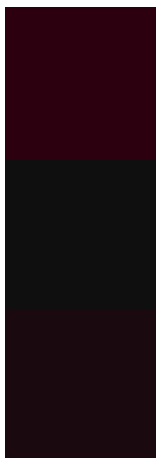
Deuteranomaly

220D0D

Tritanomaly

2C0408

Monochromacy



Original Color

2C000E

Achromatopsia

0F0F0F

Achromatomaly

1A0A0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C000E 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 #2C000E looks like.

```
.text, #text, p{  
    color:#2C000E  
}
```

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 #2C000E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C000E
}
```

Border

The CSS property to change the border of an element to Hex 2C000E 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".

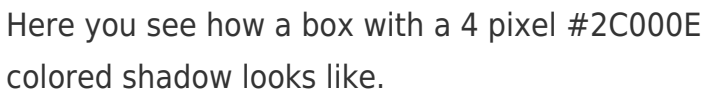
```
.border, #border, table{ border:4px solid
#2C000E }
```

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

```
.border{ border-color:#2C000E }
```

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

Here you see how a box with a 4 pixel #2C000E colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C000E; -webkit-box-shadow:4px 4px  
4px 4px #2C000E; box-shadow:4px 4px 4px  
4px #2C000E }
```

Background

The CSS property to change the background color of an element to Hex 2C000E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C000E }
```

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

```
.background{ background-color:#2C000E }
```

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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