

Converting Colors

Hex(2B000E)

Have a look what the booklet for
Hex(2B000E) contains.

Hex(2B000E)	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(2B000E)

Conversions

Conversions Part 1

Format	Color
Hex	2B000E
RGB	43, 0, 14
RGB Percent	17%, 0%, 5%
CMY	0.8314, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.67, 0.83
HSL	340°, 100%, 8%
HSV	340°, 100%, 17%
XYZ	1.0755, 0.5453, 0.4640
YIQ	14.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

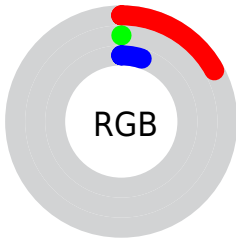
Format	Color
R_{YB}	43, 0, 14
Decimal	2818062
CIE _{Lab}	4.93, 22.06, 1.86
CIE _{LCh}	5, 22.134, 4.808
Yxy	0.5453, 0.5159, 0.2616
Android (android.graphics.Color)	4281008142 (0xFF2B000E)
YUV	14.4530, -0.2233, 25.0357
Hunter-Lab	7.3844, 13.0754, 1.4434

Details

The Hex color **2B000E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002B1D**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **5A2D39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B000E**, and if you desaturate by 10%, it is **2B0411**.

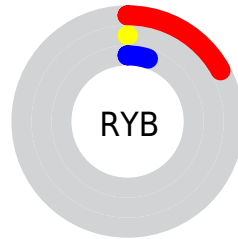
Distribution



Red (17%)

Green (0%)

Blue (5%)



Red (17%)

Yellow (0%)

Blue (5%)

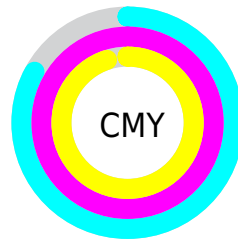


Cyan (0%)

Magenta (100%)

Yellow (67%)

Black (83%)



Cyan (83%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B000E 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 2B000E by changing the saturation by 10% instead.

 2B000E

 2B000E

 FFE1EE

 000000

 5A2D39

 744450

 8E5C68

 A97581

 C58F9B

 E1AAB6

 FEC5D1

 2B000E

■ 2B0411

■ 2B0914

■ 2B0D17

■ 2B111A

■ 2B161C

■ 2B1A1F

■ 2B1E22

■ 2B2225

■ 2B2728

Harmonies

Analogous

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



25031E



2B000E



2A0300

Triad

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



2B000E



001600



00172B

Complementary

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



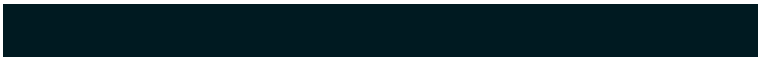
2B000E



002B1D

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.



001A21



2B000E



001900

Square

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



2B000E



141100



001A13



00122E

Rectangle

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



2B000E



250700



001A13



001829

Sweetspot

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



2B000E



38272D



1D002B



1C1215



9C9C9C



1C1C1C

Same Dimension

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



2B000E



380012



2B0700



141213



54001B



D40045

Inverse Universe

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



2B000E



380012



00242B



141213



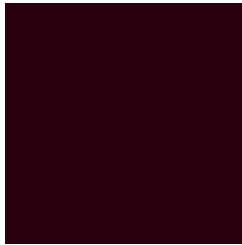
54001B



D40045

Previews

White Background



This preview shows how the Hex color 2B000E looks on a white background.

Color Contrast Check

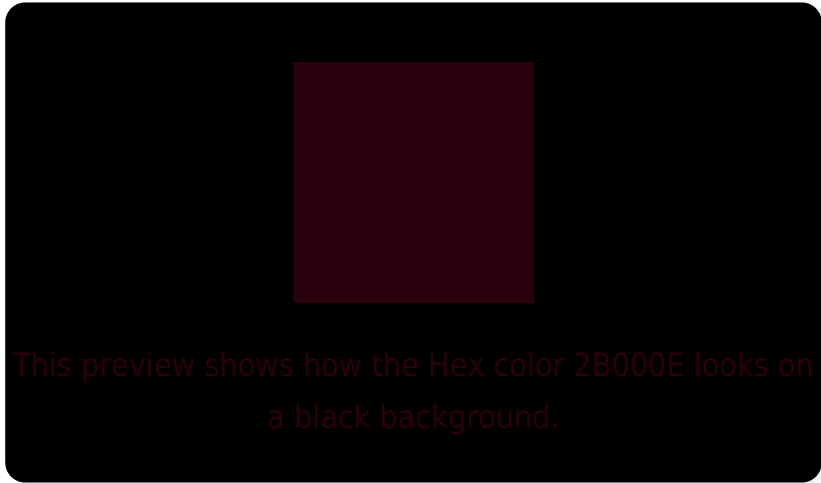
Large Text (above 18pt) WCAG AA ✓ Pass

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

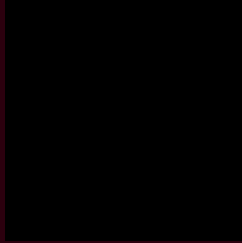
Any Text WCAG AA × Fail

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 2B000E Background



This preview shows how black text looks on a background with the Hex color 2B000E.



This preview shows how white text looks on a background with the Hex color 2B000E.

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](#).

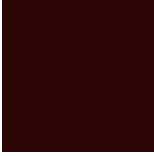
Dichromacy



Original Color
2B000E

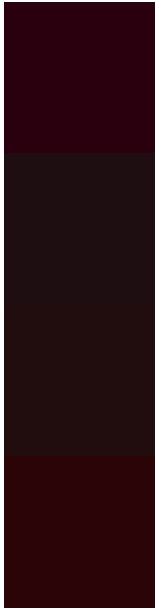
Protanopia
171615

Deuteranopia
1B150C



Tritanopia
2B0605

Trichromacy



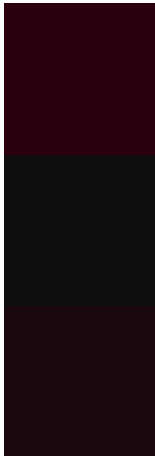
Original Color
2B000E

Protanomaly
1E0E12

Deuteranomaly
210D0D

Tritanomaly
2B0408

Monochromacy



Original Color
2B000E

Achromatopsia
0E0E0E

Achromatomaly
19090E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B000E 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 #2B000E looks like.

```
.text, #text, p{  
    color:#2B000E  
}
```

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 #2B000E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B000E
}
```

Border

The CSS property to change the border of an element to Hex 2B000E is called "border". The border property can be set on classes, ids or directly on the HTML element.

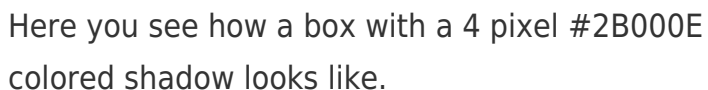
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B000E }
```

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

```
.border{ border-color:#2B000E }
```

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



Here you see how a box with a 4 pixel #2B000E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B000E; -webkit-box-shadow:4px 4px  
4px 4px #2B000E; box-shadow:4px 4px 4px  
4px #2B000E }
```

Background

The CSS property to change the background color of an element to Hex 2B000E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B000E }
```

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

```
.background{ background-color:#2B000E }
```

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