

Converting Colors

Hex(2B0E13)

Have a look what the booklet for
Hex(2B0E13) contains.

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Color

Hex(2B0E13)

Conversions

Conversions Part 1

Format	Color
Hex	2B0E13
RGB	43, 14, 19
RGB Percent	17%, 5%, 7%
CMY	0.8314, 0.9451, 0.9255
CMYK	0.00, 0.67, 0.56, 0.83
HSL	350°, 51%, 11%
HSV	350°, 67%, 17%
XYZ	1.2708, 0.8747, 0.7179
YIQ	23.2410, 15.6790, 7.7030

Conversions

Conversions Part 2

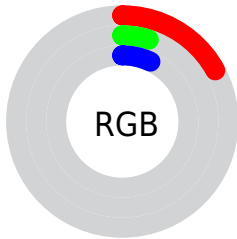
Format	Color
RYB	43, 14, 19
Decimal	2821651
CIELab	7.90, 15.65, 3.35
CIElCh	8, 16.007, 12.092
Yxy	0.8747, 0.4438, 0.3055
Android (android.graphics.Color)	4281011731 (0xFF2B0E13)
YUV	23.2410, -2.0908, 17.3286
Hunter-Lab	9.3525, 7.8884, 1.9953

Details

The Hex color **2B0E13** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E2B26**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5A393D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0A0F**, and if you desaturate by 10%, it is **2B1217**.

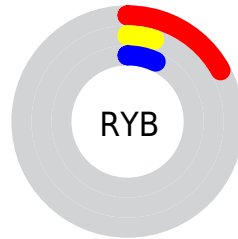
Distribution



 Red (17%)

 Green (5%)

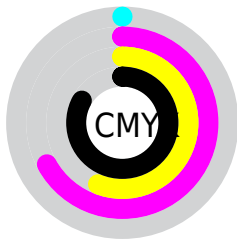
 Blue (7%)



 Red (17%)

 Yellow (5%)

 Blue (7%)

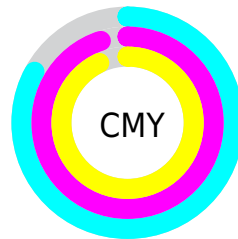


 Cyan (0%)

 Magenta (67%)

 Yellow (56%)

 Black (83%)



 Cyan (83%)

 Magenta (95%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0E13 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 2B0E13 by changing the saturation by 10% instead.

 2B0E13

 2B0E13

 FFEEF3

 100000

 5A393D

 000000

 735054

 8D686D

 A88186

 C49BA0

 E0B6BB

 FDD2D7

 2B0E13

 2B0E13

■ 2B0A0F

■ 2B1217

■ 2B050C

■ 2B171A

■ 2B0108

■ 2B1B1E

■ 2B0007

■ 2B1F21

■ 2B2425

■ 2B2828

■ 2B2C2C

■ 2B302F

■ 2B3533

Harmonies

Analogous

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



270F1E



2B0E13



2A1003

Triad

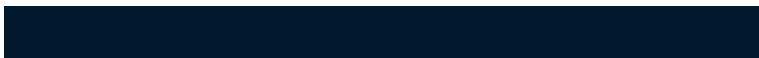
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B0E13



0E1B00



001A2B

Complementary

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



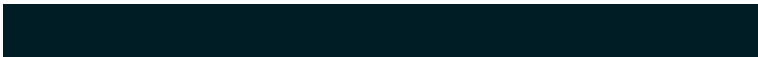
2B0E13



0E2B26

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.



001D25



2B0E13



001D0F

Square

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



2B0E13



1B1800



001D1B



0C172C

Rectangle

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



2B0E13



261300



001D1B



001B2A

Sweetspot

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



2B0E13



382D2F



260E2B



1C1516



9C9C9C



1C1C1C

Same Dimension

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



2B0E13



380B12



2B170E



141213



54000F



D40024

Inverse Universe

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



2B0E13



380B12



0E222B



141213



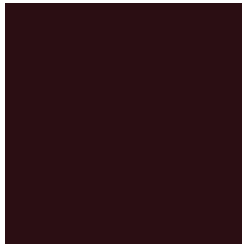
54000F



D40024

Previews

White Background



This preview shows how the Hex color 2B0E13 looks on a white background.

Color Contrast Check

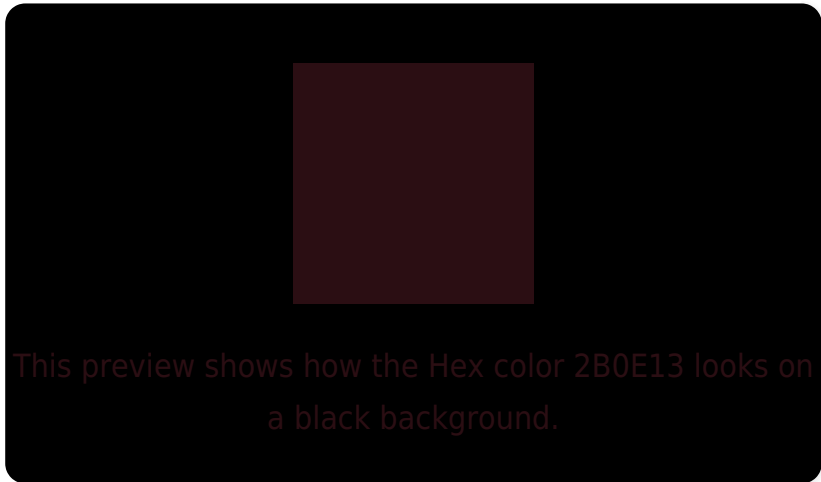
Large Text (above 18pt) WCAG AA ✓ Pass

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

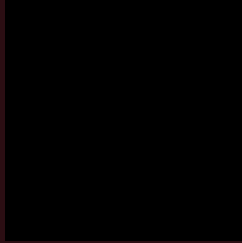
Any Text WCAG AA × Fail

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 2B0E13 Background



This preview shows how black text looks on a background with the Hex color 2B0E13.

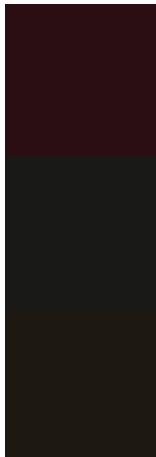


This preview shows how white text looks on a background with the Hex color 2B0E13.

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

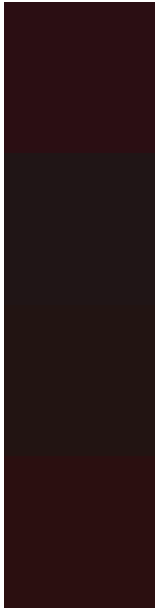


Original Color
2B0E13

Protanopia
191918

Deuteranopia
1D1812

Trichromacy



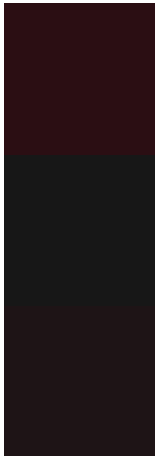
Original Color
2B0E13

Protanomaly
201516

Deuteranomaly
221412

Tritanomaly
2B0F10

Monochromacy



Original Color
2B0E13

Achromatopsia
171717

Achromatomaly
1E1416

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0E13 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 #2B0E13 looks like.

```
.text, #text, p{  
    color:#2B0E13  
}
```

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 #2B0E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0E13
}
```

Border

The CSS property to change the border of an element to Hex 2B0E13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

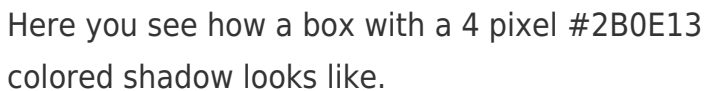
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0E13 }
```

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

```
.border{ border-color:#2B0E13 }
```

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



Here you see how a box with a 4 pixel #2B0E13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0E13; -webkit-box-shadow:4px 4px  
4px 4px #2B0E13; box-shadow:4px 4px 4px  
4px #2B0E13 }
```

Background

The CSS property to change the background color of an element to Hex 2B0E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0E13 }
```

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

```
.background{ background-color:#2B0E13 }
```

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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