

# Converting Colors

Hex(2B0E1A)

Have a look what the booklet for  
Hex(2B0E1A) contains.

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# Color

**Hex(2B0E1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B0E1A
RGB	43, 14, 26
RGB Percent	17%, 5%, 10%
CMY	0.8314, 0.9451, 0.8980
CMYK	0.00, 0.67, 0.40, 0.83
HSL	335°, 51%, 11%
HSV	335°, 67%, 17%
XYZ	1.3398, 0.9022, 1.0808
YIQ	24.0390, 13.4320, 9.8800

# Conversions

## Conversions Part 2

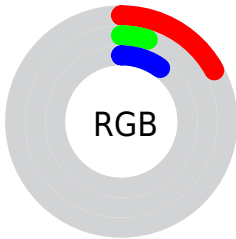
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	43, 14, 26
Decimal	2821658
CIE Lab	8.15, 16.69, -1.35
CIE LCh	8, 16.745, 355.388
Yxy	0.9022, 0.4032, 0.2715
Android (android.graphics.Color)	4281011738 (0xFF2B0E1A)
YUV	24.0390, 0.9668, 16.6288
Hunter-Lab	9.4987, 8.5541, -0.0973

# Details

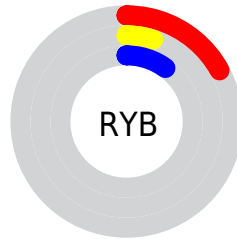
The Hex color **2B0E1A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E2B1F**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **5A3945**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0A17**, and if you desaturate by 10%, it is **2B121D**.

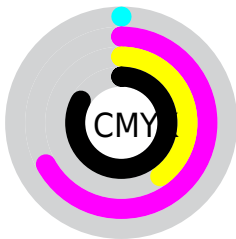
# Distribution



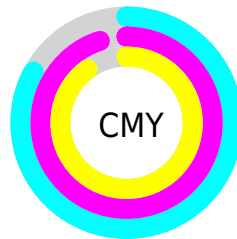
- Red (17%)
- Green (5%)
- Blue (10%)



- Red (17%)
- Yellow (5%)
- Blue (10%)



- Cyan (0%)
- Magenta (67%)
- Yellow (40%)
- Black (83%)



- Cyan (83%)
- Magenta (95%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B0E1A 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 2B0E1A by changing the saturation by 10% instead.



 2B0E1A

 2B0E1A

 FFEFFD

 140000

 5A3945

 000000

 73505C

 8D6875

 A8828F

 C39CA9

 DFB7C4

 FCD2E0

 2B0E1A

 2B0E1A

■ 2B0A17

■ 2B121D

■ 2B0515

■ 2B171F

■ 2B0112

■ 2B1B22

■ 2B0012

■ 2B1F24

■ 2B2427

■ 2B2829

■ 2B2C2C

■ 2B302E

■ 2B3531

# Harmonies

## Analogous

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



241125



2B0E1A



2C0F0D

# Triad

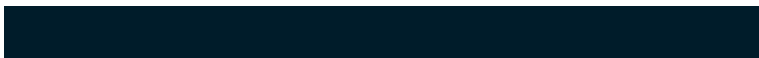
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B0E1A



161A00



001C2A

# Complementary

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



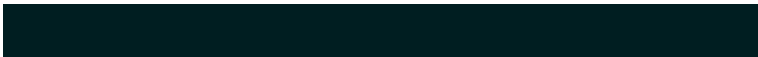
2B0E1A



0E2B1F

# 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.



001E21



2B0E1A



051D06

# Square

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



2B0E1A



211600



001E16



001A2E

# Rectangle

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



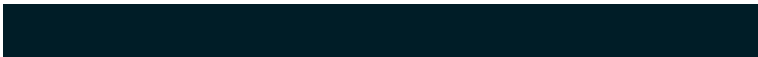
2B0E1A



2B1101



001E16



001D27



# Sweetspot

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



2B0E1A



382D32



1F0E2B



1C1518



9C9C9C



1C1C1C



# Same Dimension

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



2B0E1A



380B1D



2B100E



141213



540023



D40058



# Inverse Universe

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



2B0E1A



380B1D



0E292B



141213



540023

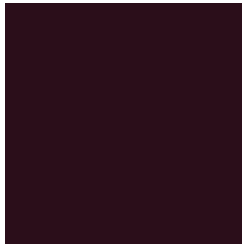


D40058



# Previews

## White Background



This preview shows how the Hex color 2B0E1A looks on a white background.

## Color Contrast Check

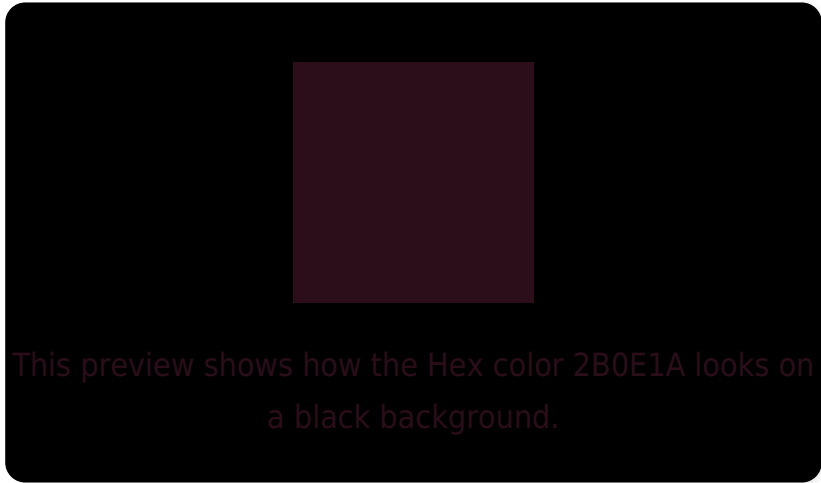
Large Text (above 18pt) WCAG AA ✓ Pass

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

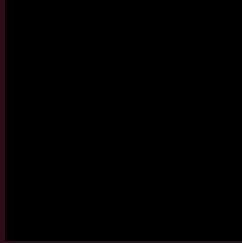
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B0E1A Background



This preview shows how black text looks on a background with the Hex color 2B0E1A.



This preview shows how white text looks on a background with the Hex color 2B0E1A.

# 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**  
2B0E1A

**Protanopia**  
171921

**Deuteranopia**  
1C1819



# Trichromacy



**Original Color**

2B0E1A

**Protanomaly**

1E151E

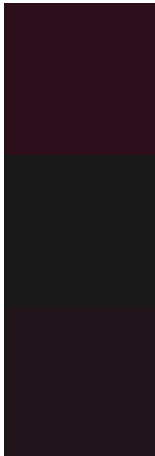
**Deuteranomaly**

211419

**Tritanomaly**

2A0F14

# Monochromacy



**Original Color**

2B0E1A

**Achromatopsia**

181818

**Achromatomaly**

1F1419

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B0E1A 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 #2B0E1A looks like.

```
.text, #text, p{  
    color:#2B0E1A  
}
```

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 #2B0E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0E1A
}
```

## Border

The CSS property to change the border of an element to Hex 2B0E1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

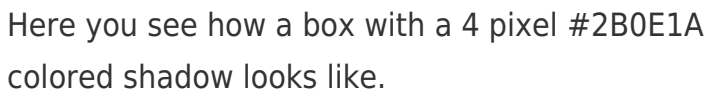
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0E1A }
```

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

```
.border{ border-color:#2B0E1A }
```

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



Here you see how a box with a 4 pixel #2B0E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0E1A; -webkit-box-shadow:4px 4px  
4px 4px #2B0E1A; box-shadow:4px 4px 4px  
4px #2B0E1A }
```

# Background

The CSS property to change the background color of an element to Hex 2B0E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0E1A }
```

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

```
.background{ background-color:#2B0E1A }
```

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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