

# Converting Colors

Hex(2B0C0F)

Have a look what the booklet for  
Hex(2B0C0F) contains.

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**Color**

**Hex(2B0C0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B0C0F
RGB	43, 12, 15
RGB Percent	17%, 5%, 6%
CMY	0.8314, 0.9529, 0.9412
CMYK	0.00, 0.72, 0.65, 0.83
HSL	354°, 56%, 11%
HSV	354°, 72%, 17%
XYZ	1.2140, 0.8110, 0.5445
YIQ	21.6110, 17.5130, 7.5050

# Conversions

## Conversions Part 2

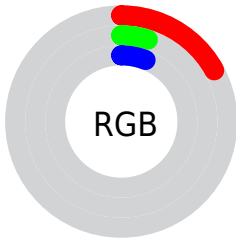
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">43, 12, 15</a>
Decimal	<a href="#">2821135</a>
CIELab	<a href="#">7.33, 16.33, 4.84</a>
CIElCh	<a href="#">7, 17.036, 16.515</a>
Yxy	<a href="#">0.8110, 0.4725, 0.3156</a>
Android (android.graphics.Color)	<a href="#">4281011215 (0xFF2B0C0F)</a>
YUV	<a href="#">21.6110, -3.2592, 18.7582</a>
Hunter-Lab	<a href="#">9.0057, 8.3016, 2.7192</a>

# Details

The Hex color **2B0C0F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C2B28**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5A373A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B080B**, and if you desaturate by 10%, it is **2B1013**.

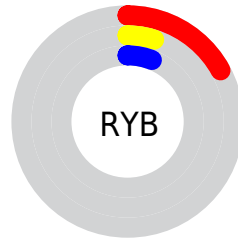
# Distribution



Red (17%)

Green (5%)

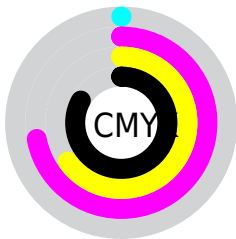
Blue (6%)



Red (17%)

Yellow (5%)

Blue (6%)

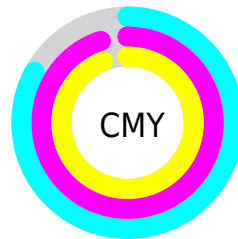


Cyan (0%)

Magenta (72%)

Yellow (65%)

Black (83%)



Cyan (83%)

Magenta (95%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B0C0F 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 2B0C0F by changing the saturation by 10% instead.



 2B0C0F

 2B0C0F

 FFECEF

 0C0000

 5A373A

 000000

 744E51

 8E6669

 A97F82

 C4999C

 E0B4B7

 FDD0D2

 2B0C0F

 2B0C0F

■ 2B080B

■ 2B1013

■ 2B0307

■ 2B1517

■ 2B0004

■ 2B191B

■ 2B1D1F

■ 2B2222

■ 2B2626

■ 2B2A2A

■ 2B2E2E

■ 2B3332

# Harmonies

## Analogous

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



280D1C



2B0C0F



290F00

# Triad

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



2B0C0F



081B00



00192C

# Complementary

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



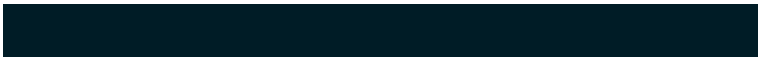
2B0C0F



0C2B28

# 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.



001C26



2B0C0F



001C0F

# Square

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



2B0C0F



171800



001D1C



0D152C

# Rectangle

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



2B0C0F



241200



001D1C



001A2B



# Sweetspot

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



2B0C0F



382C2D



280C2B



1C1515



9C9C9C



1C1C1C



# Same Dimension

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



2B0C0F



38070C



2B180C



141213



540008



D40014



# Inverse Universe

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



2B0C0F



38070C



0C1F2B



141213



540008

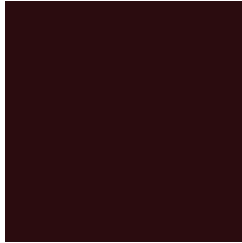


D40014



# Previews

## White Background



This preview shows how the Hex color 2B0C0F looks on a white background.

## Color Contrast Check

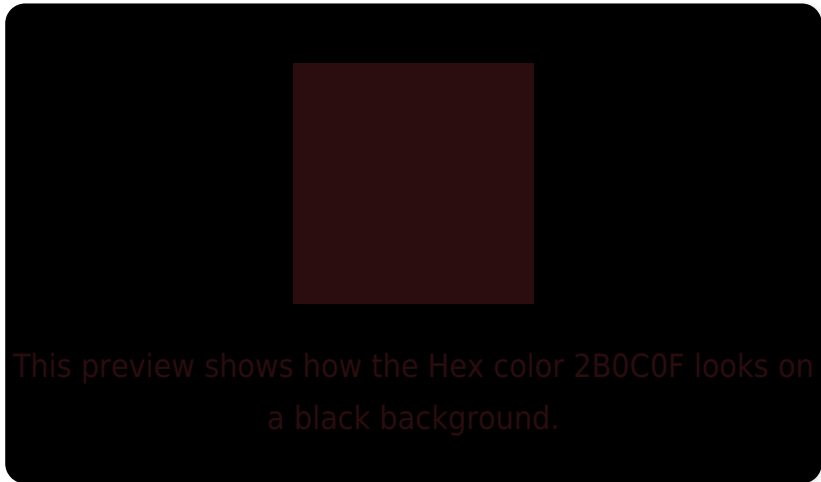
Large Text (above 18pt) WCAG AA ✓ Pass

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

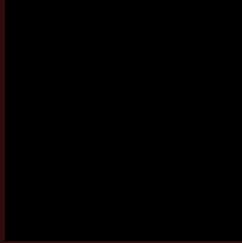
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B0C0F Background



This preview shows how black text looks on a background with the Hex color 2B0C0F.

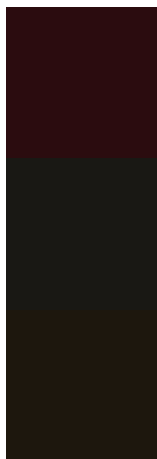


This preview shows how white text looks on a background with the Hex color 2B0C0F.

# 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



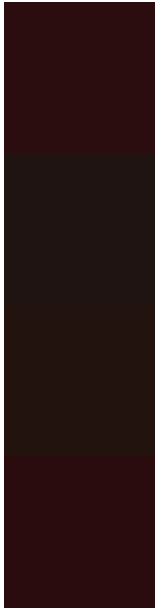
**Original Color**  
2B0C0F

**Protanopia**  
191814

**Deuteranopia**  
1D170D



# Trichromacy



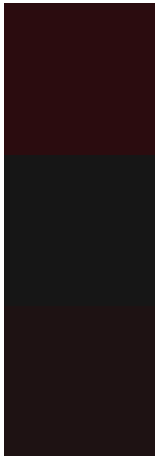
**Original Color**  
2B0C0F

**Protanomaly**  
201412

**Deuteranomaly**  
22130E

**Tritanomaly**  
2B0C0E

# Monochromacy



**Original Color**  
2B0C0F

**Achromatopsia**  
161616

**Achromatomaly**  
1E1213

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B0C0F 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 #2B0C0F looks like.

```
.text, #text, p{  
    color:#2B0C0F  
}
```

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 #2B0C0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0C0F
}
```

## Border

The CSS property to change the border of an element to Hex 2B0C0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

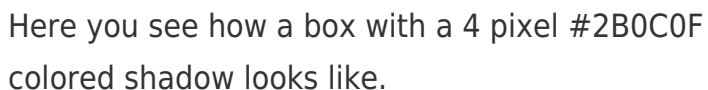
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0C0F }
```

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

```
.border{ border-color:#2B0C0F }
```

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



Here you see how a box with a 4 pixel #2B0C0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0C0F; -webkit-box-shadow:4px 4px  
4px 4px #2B0C0F; box-shadow:4px 4px 4px  
4px #2B0C0F }
```

# Background

The CSS property to change the background color of an element to Hex 2B0C0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0C0F }
```

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

```
.background{ background-color:#2B0C0F }
```

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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