

# Converting Colors

Hex(2B130F)

Have a look what the booklet for  
Hex(2B130F) contains.

<b>Hex(2B130F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(2B130F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B130F
RGB	43, 19, 15
RGB Percent	17%, 7%, 6%
CMY	0.8314, 0.9255, 0.9412
CMYK	0.00, 0.56, 0.65, 0.83
HSL	9°, 48%, 11%
HSV	9°, 65%, 17%
XYZ	1.3154, 1.0138, 0.5783
YIQ	25.7200, 15.5880, 3.8440

# Conversions

## Conversions Part 2

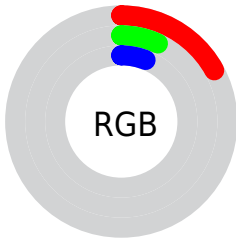
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">43, 20, 15</a>
Decimal	<a href="#">2822927</a>
CIELab	<a href="#">9.11, 11.83, 7.43</a>
CIELCh	<a href="#">9, 13.967, 32.132</a>
Yxy	<a href="#">1.0138, 0.4524, 0.3487</a>
Android (android.graphics.Color)	<a href="#">4281013007</a> ( <a href="#">0xFF2B130F</a> )
YUV	<a href="#">25.7200, -5.2850, 15.1546</a>
Hunter-Lab	<a href="#">10.0689, 5.6979, 3.6430</a>

# Details

The Hex color **2B130F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F272B**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5A3E3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0F0B**, and if you desaturate by 10%, it is **2B1713**.

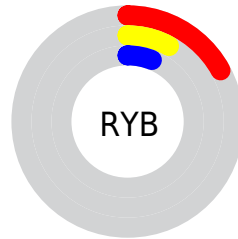
# Distribution



Red (17%)

Green (7%)

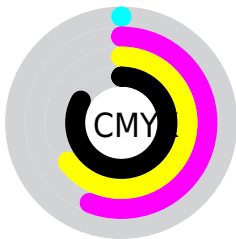
Blue (6%)



Red (17%)

Yellow (8%)

Blue (6%)

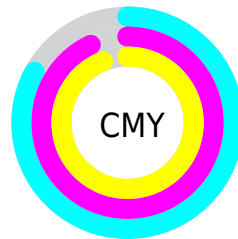


Cyan (0%)

Magenta (56%)

Yellow (65%)

Black (83%)



Cyan (83%)

Magenta (93%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B130F 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 2B130F by changing the saturation by 10% instead.



 2B130F

 2B130F

 FFF4EF

 130000

 5A3E3A

 000000

 735551

 8D6D69

 A88782

 C3A19C

 DFBCB7

 FCD8D2

 2B130F

 2B130F

■ 2B0F0B

■ 2B1713

■ 2B0C06

■ 2B1A18

■ 2B0802

■ 2B1E1C

■ 2B0600

■ 2B2220

■ 2B2525

■ 2B2929

■ 2B2D2D

■ 2B3031

■ 2B3436

# Harmonies

## Analogous

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



2B1219



2B130F



271603

# Triad

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



2B130F



081E10



0B1A2C

# Complementary

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



2B130F



0F272B

# 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.



001D2A



2B130F



001F1A

# Square

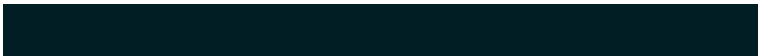
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2B130F



161C04



001E23



1B172A

# Rectangle

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



2B130F



231800



001E23



051B2C



# Sweetspot

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



2B130F



382E2D



2B0F27



1C1615



9C9C9C



1C1C1C



# Same Dimension

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



2B130F



38130C



2B210F



141312



540C00



D41E00



# Inverse Universe

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



0F272B



0C3238



0F192B



121414



004854

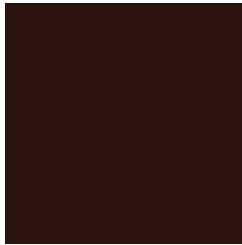


00B5D4



# Previews

## White Background



This preview shows how the Hex color 2B130F looks on a white background.

## Color Contrast Check

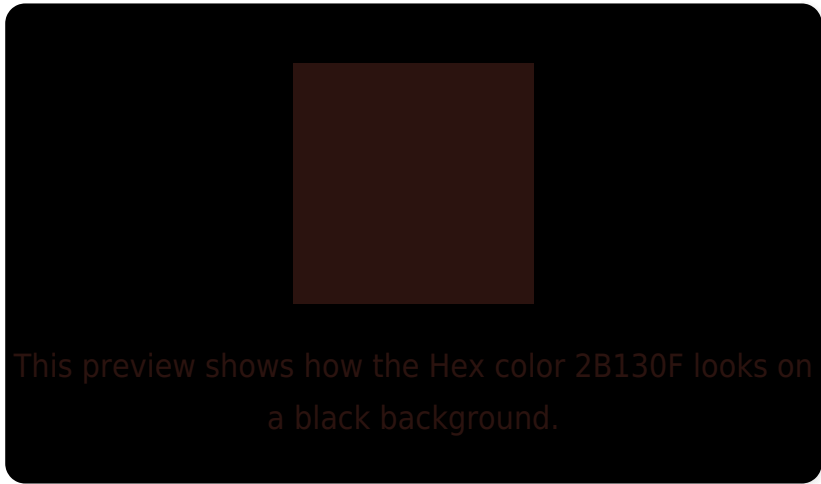
Large Text (above 18pt) WCAG AA ✓ Pass

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

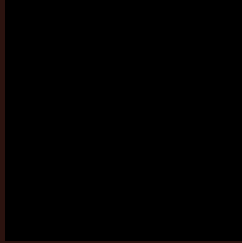
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B130F Background



This preview shows how black text looks on a background with the Hex color 2B130F.



This preview shows how white text looks on a background with the Hex color 2B130F.

# 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



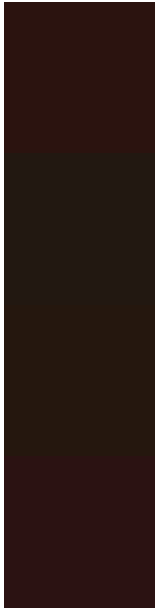
**Original Color**  
2B130F

**Protanopia**  
1D1B12

**Deuteranopia**  
21190E



# Trichromacy



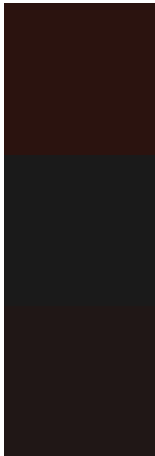
**Original Color**  
2B130F

**Protanomaly**  
221811

**Deuteranomaly**  
25170E

**Tritanomaly**  
2B1212

# Monochromacy



**Original Color**  
2B130F

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
201716

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B130F 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 #2B130F looks like.

```
.text, #text, p{  
    color:#2B130F  
}
```

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 #2B130F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B130F
}
```

## Border

The CSS property to change the border of an element to Hex 2B130F is called "border". The border property can be set on classes, ids or directly on the HTML element.

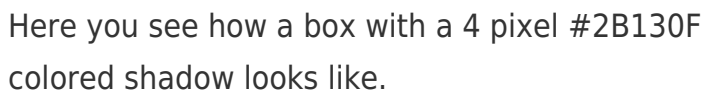
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B130F }
```

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

```
.border{ border-color:#2B130F }
```

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



Here you see how a box with a 4 pixel #2B130F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B130F; -webkit-box-shadow:4px 4px  
4px 4px #2B130F; box-shadow:4px 4px 4px  
4px #2B130F }
```

# Background

The CSS property to change the background color of an element to Hex 2B130F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B130F }
```

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

```
.background{ background-color:#2B130F }
```

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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