

Converting Colors

Hex(130B2D)

Have a look what the booklet for
Hex(130B2D) contains.

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Color

Hex(130B2D)

Conversions

Conversions Part 1

Format	Color
Hex	130B2D
RGB	19, 11, 45
RGB Percent	7%, 4%, 18%
CMY	0.9255, 0.9569, 0.8235
CMYK	0.58, 0.76, 0.00, 0.82
HSL	254°, 61%, 11%
HSV	254°, 76%, 18%
XYZ	0.8619, 0.5673, 2.5467
YIQ	17.2680, -6.1460, 12.2700

Conversions

Conversions Part 2

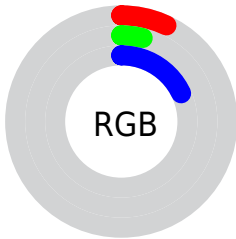
Format	Color
R_YB	19, 11, 45
Decimal	1248045
CIE Lab	5.12, 13.21, -20.78
CIE LCh	5, 24.622, 302.457
Yxy	0.5673, 0.2168, 0.1427
Android (android.graphics.Color)	4279438125 (0xFF130B2D)
YUV	17.2680, 13.6719, 1.5190
Hunter-Lab	7.5316, 7.2464, -14.7758

Details

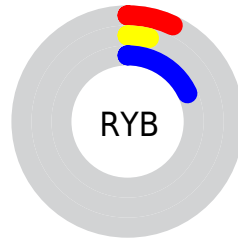
The Hex color **130B2D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **252D0B**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **3F365B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10062D**, and if you desaturate by 10%, it is **160F2D**.

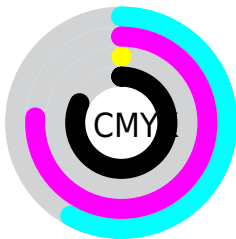
Distribution



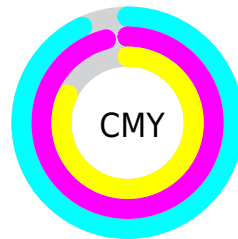
- Red (7%)
- Green (4%)
- Blue (18%)



- Red (7%)
- Yellow (4%)
- Blue (18%)



- Cyan (58%)
- Magenta (76%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (96%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130B2D 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 130B2D by changing the saturation by 10% instead.

 130B2D

 130B2D

 F8EAF8

 000118

 3F365B

 000000

 574D74

 70658D

 897EA8

 A498C3

 BFB3DF

 DBCEFC

 130B2D

 130B2D

■ 10062D

■ 160F2D

■ 0C022D

■ 1A142D

■ 0B002D

■ 1D182D

■ 211D2D

■ 24212D

■ 28262D

■ 2B2B2D

■ 2F2F2D

■ 32342D

Harmonies

Analogous

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



001332



130B2D



260221

Triad

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



130B2D



240900



001B12

Complementary

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



130B2D



252D0B

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.



001A00



130B2D



161100

Square

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



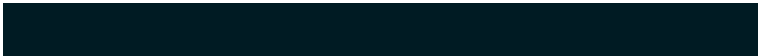
130B2D



2D0100



001700



001B23

Rectangle

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



130B2D



2C0017



001700



001B0A

Sweetspot

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



130B2D



302D3B



0B252D



18161F



9E9E9E



1F1F1F

Same Dimension

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



130B2D



12053B



240B2D



151517



140057



3200D6

Inverse Universe

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



2D0B25



3B052E



142D0B



171516



570042



D600A4

Previews

White Background



This preview shows how the Hex color 130B2D looks on a white background.

Color Contrast Check

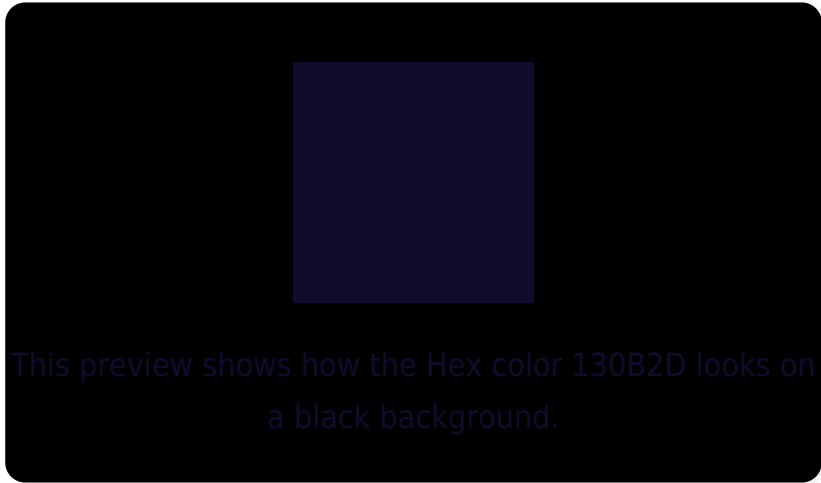
Large Text (above 18pt) WCAG AA ✓ Pass

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

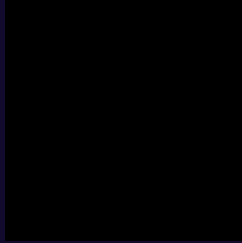
Any Text WCAG AA × Fail

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 130B2D Background



This preview shows how black text looks on a background with the Hex color 130B2D.



This preview shows how white text looks on a background with the Hex color 130B2D.

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
130B2D

Protanopia
001225

Deuteranopia
001320



Tritanopia
091415

Trichromacy



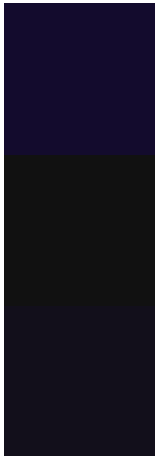
Original Color
130B2D

Protanomaly
070F28

Deuteranomaly
071025

Tritanomaly
0D111E

Monochromacy



Original Color
130B2D

Achromatopsia
111111

Achromatomaly
120F1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 130B2D 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 #130B2D looks like.

```
.text, #text, p{  
    color:#130B2D  
}
```

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 #130B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130B2D
}
```

Border

The CSS property to change the border of an element to Hex 130B2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

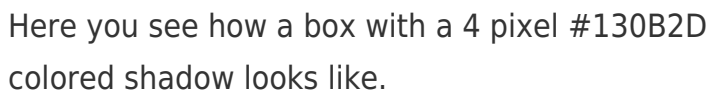
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#130B2D }
```

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

```
.border{ border-color:#130B2D }
```

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



Here you see how a box with a 4 pixel #130B2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130B2D; -webkit-box-shadow:4px 4px  
4px 4px #130B2D; box-shadow:4px 4px 4px  
4px #130B2D }
```

Background

The CSS property to change the background color of an element to Hex 130B2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130B2D }
```

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

```
.background{ background-color:#130B2D }
```

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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