

Converting Colors

Hex(130D1B)

Have a look what the booklet for
Hex(130D1B) contains.

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Color

Hex(130D1B)

Conversions

Conversions Part 1

Format	Color
Hex	130D1B
RGB	19, 13, 27
RGB Percent	7%, 5%, 11%
CMY	0.9255, 0.9490, 0.8941
CMYK	0.30, 0.52, 0.00, 0.89
HSL	266°, 35%, 8%
HSV	266°, 52%, 11%
XYZ	0.6103, 0.5054, 1.1023
YIQ	16.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

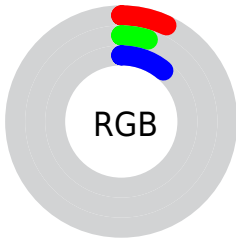
Format	Color
RYB	19, 13, 27
Decimal	1248539
CIELab	4.57, 5.32, -7.81
CIELCh	5, 9.449, 304.279
Yxy	0.5054, 0.2752, 0.2279
Android (android.graphics.Color)	4279438619 (0xFF130D1B)
YUV	16.3900, 5.2307, 2.2890
Hunter-Lab	7.1093, 2.8823, -4.2164

Details

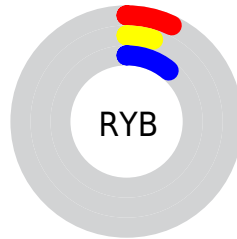
The Hex color **130D1B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **151B0D**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **3D3846**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **110A1B**, and if you desaturate by 10%, it is **15101B**.

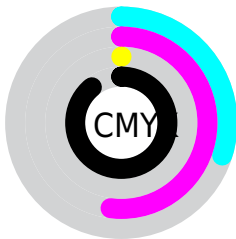
Distribution



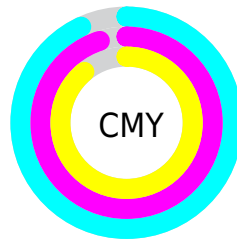
- Red (7%)
- Green (5%)
- Blue (11%)



- Red (7%)
- Yellow (5%)
- Blue (11%)



- Cyan (30%)
- Magenta (52%)
- Yellow (0%)
- Black (89%)



- Cyan (93%)
- Magenta (95%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130D1B 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 130D1B by changing the saturation by 10% instead.

■ 130D1B

■ 130D1B

■ F3EDFE

■ 000000

■ 3D3846

■ 544F5E

■ 6C6776

■ 868090

■ A09AAA

■ BBB5C6

■ D7D0E2

■ 130D1B

■ 130D1B

■ 110A1B

■ 15101B

■ 10081B

■ 16121B

■ 0E051B

■ 18151B

■ 0D021B

■ 19181B

■ 0C001B

■ 1B1B1B

■ 1C1D1B

■ 1E201B

■ 1F231B

■ 21251B

Harmonies

Analogous

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



07101D



130D1B



1A0A16

Triad

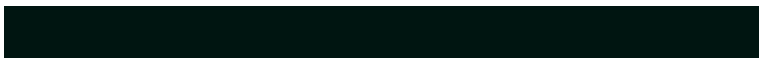
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



130D1B



1B0D00



001511

Complementary

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



130D1B



151B0D

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.



001406



130D1B



141000

Square

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



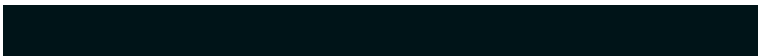
130D1B



1E0A04



0C1200



001418

Rectangle

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



130D1B



1D0912



0C1200



00150E

Sweetspot

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



130D1B



201E24



0D151B



100E12



919191



121212

Same Dimension

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



130D1B



170E24



1A0D1B



0C0B0D



21004D



5700CC

Inverse Universe

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



1B0D15



240E1A



0E1B0D



0D0B0C



4D002C



CC0075

Previews

White Background



This preview shows how the Hex color 130D1B looks on a white background.

Color Contrast Check

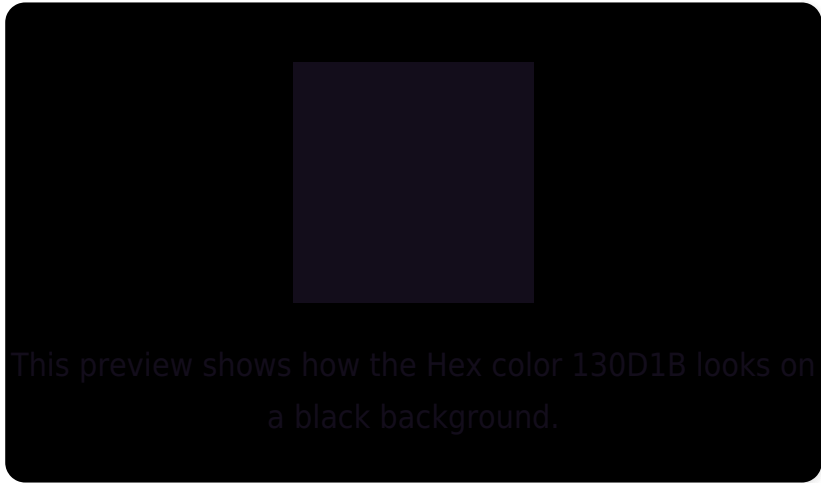
Large Text (above 18pt) WCAG AA ✓ Pass

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

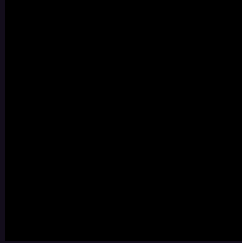
Any Text WCAG AA × Fail

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 130D1B Background



This preview shows how black text looks on a background with the Hex color 130D1B.



This preview shows how white text looks on a background with the Hex color 130D1B.

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
130D1B

Protanopia
09101D

Deuteranopia
09101A



Tritanopia
111011

Trichromacy



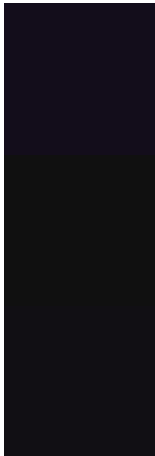
Original Color
130D1B

Protanomaly
0D0F1C

Deuteranomaly
0D0F1A

Tritanomaly
120F15

Monochromacy



Original Color
130D1B

Achromatopsia
101010

Achromatomaly
110F14

CSS Examples

Text

The CSS property to change the color of the text to Hex 130D1B 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 #130D1B looks like.

```
.text, #text, p{  
    color:#130D1B  
}
```

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 #130D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130D1B
}
```

Border

The CSS property to change the border of an element to Hex 130D1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

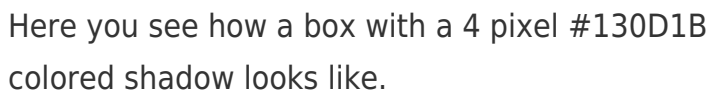
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#130D1B }
```

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

```
.border{ border-color:#130D1B }
```

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



Here you see how a box with a 4 pixel #130D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130D1B; -webkit-box-shadow:4px 4px  
4px 4px #130D1B; box-shadow:4px 4px 4px  
4px #130D1B }
```

Background

The CSS property to change the background color of an element to Hex 130D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130D1B }
```

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

```
.background{ background-color:#130D1B }
```

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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