

Converting Colors

Hex(0D130D)

Have a look what the booklet for
Hex(0D130D) contains.

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Color

Hex(0D130D)

Conversions

Conversions Part 1

Format	Color
Hex	0D130D
RGB	13, 19, 13
RGB Percent	5%, 7%, 5%
CMY	0.9490, 0.9255, 0.9490
CMYK	0.32, 0.00, 0.32, 0.93
HSL	120°, 19%, 6%
HSV	120°, 32%, 7%
XYZ	0.4715, 0.5804, 0.4679
YIQ	16.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

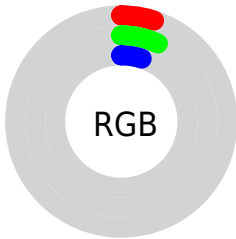
Format	Color
R_{YB}	13, 19, 19
Decimal	856845
CIE Lab	5.24, -3.28, 2.35
CIE LCh	5, 4.034, 144.450
Yxy	0.5804, 0.3102, 0.3819
Android (android.graphics.Color)	4279046925 (0xFF0D130D)
YUV	16.5220, -1.7363, -3.0888
Hunter-Lab	7.6182, -2.2843, 1.6909

Details

The Hex color **0D130D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **130D13**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **383D38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B130B**, and if you desaturate by 10%, it is **0F130F**.

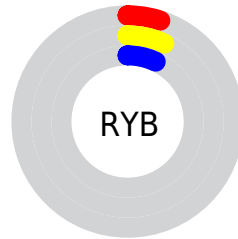
Distribution



Red (5%)

Green (7%)

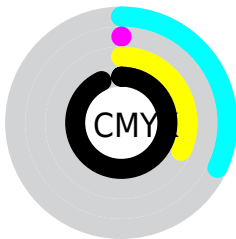
Blue (5%)



Red (5%)

Yellow (7%)

Blue (7%)

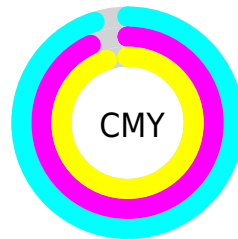


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (93%)



Cyan (95%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D130D 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 0D130D by changing the saturation by 10% instead.

■ 0D130D

■ 0D130D

■ EDF3ED

■ 000000

■ 383D38

■ 4F544F

■ 676D67

■ 808680

■ 9AA09A

■ B5BBB5

■ D0D7D0

■ 0D130D

■ 0D130D

■ 0B130B

■ 0F130F

■ 091309

■ 111311

■ 071307

■ 131313

■ 051305

■ 151315

■ 041304

■ 161316

■ 021302

■ 181318

■ 001300

■ 1A131A

■ 1C131C

■ 1E131E

Harmonies

Analogous

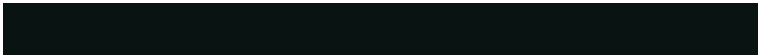
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11120A



0D130D



091311

Triad

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



0D130D



0D1217



180F0F

Complementary

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



0D130D



130D13

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.



170F12



0D130D



121117

Square

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



0D130D



091316



151015



17100B

Rectangle

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



0D130D



081413



151015



180F10

Sweetspot

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



0D130D



171A17



13130D



0B0D0B



8C8C8C



0D0D0D

Same Dimension

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



0D130D



101A10



0D1310



090A09



004A00



00C900

Inverse Universe

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



130D13



1A101A



130D10



0A090A



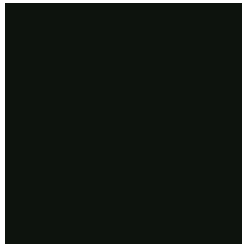
4A004A



C900C9

Previews

White Background



This preview shows how the Hex color 0D130D looks on a white background.

Color Contrast Check

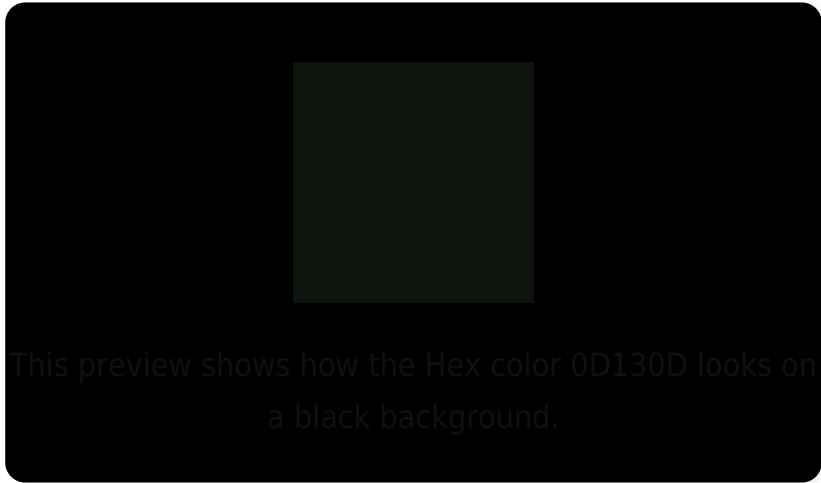
Large Text (above 18pt) WCAG AA ✓ Pass

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

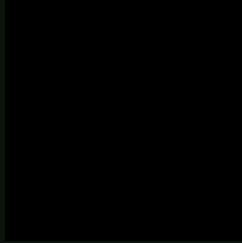
Any Text WCAG AA × Fail

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 0D130D Background



This preview shows how black text looks on a background with the Hex color 0D130D.

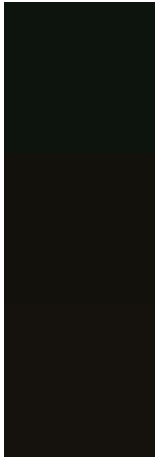


This preview shows how white text looks on a background with the Hex color 0D130D.

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](#).

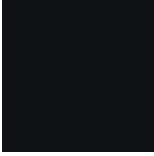
Dichromacy



Original Color
0D130D

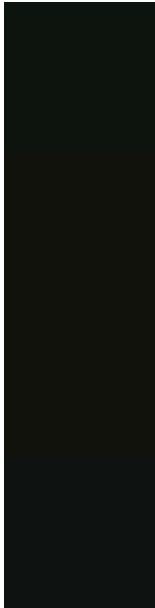
Protanopia
13110C

Deuteranopia
15110D



Tritanopia
0E1214

Trichromacy



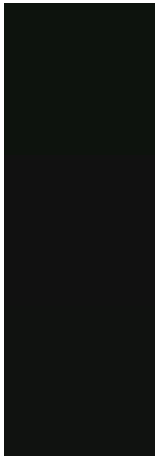
Original Color
0D130D

Protanomaly
11120C

Deuteranomaly
12120D

Tritanomaly
0E1211

Monochromacy



Original Color
0D130D

Achromatopsia
111111

Achromatomaly
101210

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D130D 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 #0D130D looks like.

```
.text, #text, p{  
    color:#0D130D  
}
```

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 #0D130D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D130D
}
```

Border

The CSS property to change the border of an element to Hex 0D130D 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
#0D130D }
```

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

```
.border{ border-color:#0D130D }
```

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

Here you see how a box with a 4 pixel #0D130D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D130D; -webkit-box-shadow:4px 4px  
4px 4px #0D130D; box-shadow:4px 4px 4px  
4px #0D130D }
```

Background

The CSS property to change the background color of an element to Hex 0D130D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D130D }
```

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

```
.background{ background-color:#0D130D }
```

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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