

Converting Colors

Hex(130B0B)

Have a look what the booklet for
Hex(130B0B) contains.

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Color

Hex(130B0B)

Conversions

Conversions Part 1

Format	Color
Hex	130B0B
RGB	19, 11, 11
RGB Percent	7%, 4%, 4%
CMY	0.9255, 0.9569, 0.9569
CMYK	0.00, 0.42, 0.42, 0.93
HSL	0°, 27%, 6%
HSV	0°, 42%, 7%
XYZ	0.4486, 0.4020, 0.3705
YIQ	13.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

Format	Color
RYB	19, 11, 11
Decimal	1248011
CIELab	3.63, 2.73, 0.96
CIELCh	4, 2.892, 19.387
Yxy	0.4020, 0.3674, 0.3292
Android (android.graphics.Color)	4279438091 (0xFF130B0B)
YUV	13.3920, -1.1793, 4.9182
Hunter-Lab	6.3400, 1.5362, 0.9727

Details

The Hex color **130B0B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B1313**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **3D3737**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **130909**, and if you desaturate by 10%, it is **130D0D**.

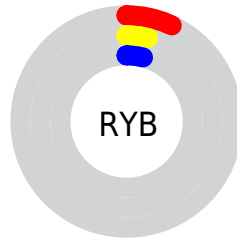
Distribution



 Red (7%)

 Green (4%)

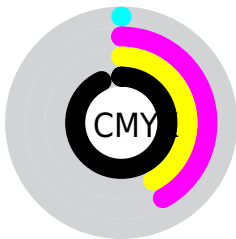
 Blue (4%)




 Red (7%)

 Yellow (4%)

 Blue (4%)

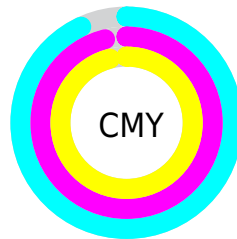



 Cyan (0%)

 Magenta (42%)

 Yellow (42%)

 Black (93%)



 Cyan (93%)

 Magenta (96%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130B0B 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 130B0B by changing the saturation by 10% instead.

■ 130B0B

■ 130B0B

■ F3EBEB

■ 000000

■ 3D3737

■ 544E4E

■ 6C6666

■ 867F7F

■ A09898

■ BBB3B3

■ D7CFCF

■ 130B0B

■ 130B0B

■ 130909

■ 130D0D

■ 130707

■ 130F0F

■ 130505

■ 131111

■ 130303

■ 131313

■ 130202

■ 131515

■ 130000

■ 131616

■ 131818

■ 131A1A

■ 131C1C

Harmonies

Analogous

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



120B0E



130B0B



120C08

Triad

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



130B0B



0A0E09



090E12

Complementary

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



130B0B



0B1313

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.



060E11



130B0B



060F0C

Square

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



130B0B



0E0D07



050F0F



0C0D12

Rectangle

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



130B0B



110C07



050F0F



070E12

Sweetspot

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



130B0B



1A1616



130B13



0D0B0B



8C8C8C



0D0D0D

Same Dimension

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



130B0B



1A0C0C



130F0B



0A0909



4A0000



C90000

Inverse Universe

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



0B1313



0C1A1A



0B0F13



090A0A



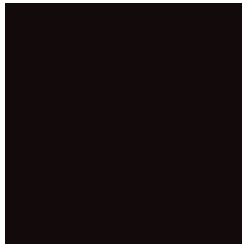
004A4A



00C9C9

Previews

White Background



This preview shows how the Hex color 130B0B looks on a white background.

Color Contrast Check

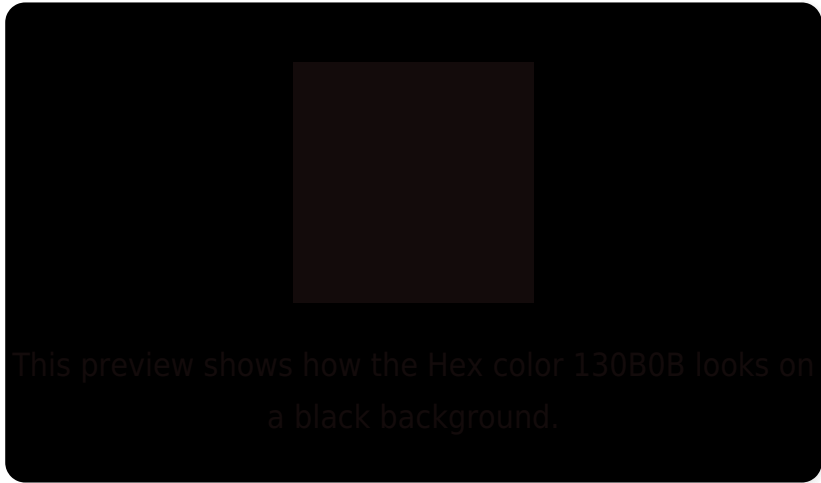
Large Text (above 18pt) WCAG AA ✓ Pass

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

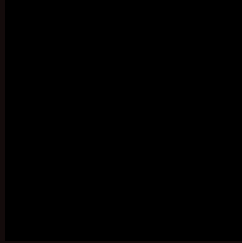
Any Text WCAG AA × Fail

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 130B0B Background



This preview shows how black text looks on a background with the Hex color 130B0B.

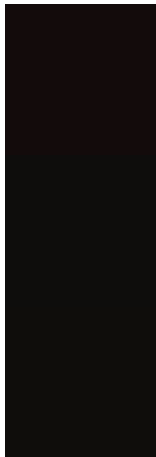


This preview shows how white text looks on a background with the Hex color 130B0B.

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
130B0B

Protanopia
0E0D0C

Deuteranopia
0F0D0B



Tritanopia
130B0C

Trichromacy



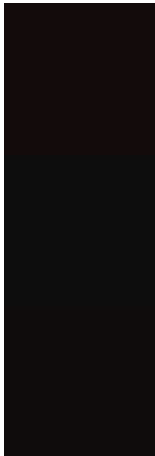
Original Color
130B0B

Protanomaly
100C0C

Deuteranomaly
100C0B

Tritanomaly
130B0C

Monochromacy



Original Color
130B0B

Achromatopsia
0D0D0D

Achromatomaly
0F0C0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 130B0B 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 #130B0B looks like.

```
.text, #text, p{  
    color:#130B0B  
}
```

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 #130B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130B0B
}
```

Border

The CSS property to change the border of an element to Hex 130B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

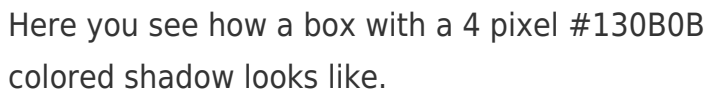
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#130B0B }
```

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

```
.border{ border-color:#130B0B }
```

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



Here you see how a box with a 4 pixel #130B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130B0B; -webkit-box-shadow:4px 4px  
4px 4px #130B0B; box-shadow:4px 4px 4px  
4px #130B0B }
```

Background

The CSS property to change the background color of an element to Hex 130B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130B0B }
```

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

```
.background{ background-color:#130B0B }
```

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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