

Converting Colors

Hex(100B0E)

Have a look what the booklet for
Hex(100B0E) contains.

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Color

Hex(100B0E)

Conversions

Conversions Part 1

Format	Color
Hex	100B0E
RGB	16, 11, 14
RGB Percent	6%, 4%, 5%
CMY	0.9373, 0.9569, 0.9451
CMYK	0.00, 0.31, 0.12, 0.94
HSL	324°, 19%, 5%
HSV	324°, 31%, 6%
XYZ	0.4126, 0.3812, 0.4673
YIQ	12.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

Format	Color
RYB	16, 11, 14
Decimal	1051406
CIELab	3.44, 2.06, -0.75
CIELCh	3, 2.192, 340.071
Yxy	0.3812, 0.3272, 0.3023
Android (android.graphics.Color)	4279241486 (0xFF100B0E)
YUV	12.8370, 0.5734, 2.7740
Hunter-Lab	6.1742, 1.1243, -0.1654

Details

The Hex color **100B0E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B100D**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **3B3739**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10090D**, and if you desaturate by 10%, it is **100D0F**.

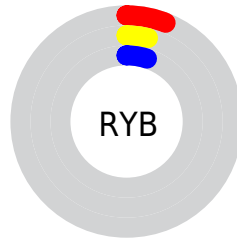
Distribution



Red (6%)

Green (4%)

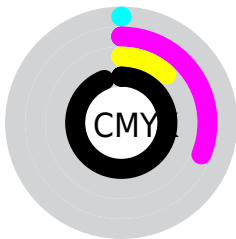
Blue (5%)



Red (6%)

Yellow (4%)

Blue (5%)

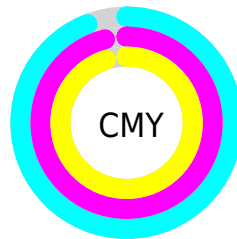


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (94%)



Cyan (94%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100B0E 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 100B0E by changing the saturation by 10% instead.

■ 100B0E

■ 100B0E

■ F0EBEE

■ 000000

■ 3B3739

■ 514E50

■ 6A6668

■ 837F81

■ 9D989B

■ B8B3B6

■ D3CFD1

■ 100B0E

■ 100B0E

■ 10090D

■ 100D0F

■ 10080D

■ 100E0F

■ 10060C

■ 101010

■ 10050B

■ 101111

■ 10030B

■ 101311

■ 10010A

■ 101512

■ 10000A

■ 101612

■ 101813

■ 101914

Harmonies

Analogous

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



0E0C10



100B0E



110B0C

Triad

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



100B0E



0E0C07



070E0F

Complementary

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



100B0E



0B100D

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.



060E0D



100B0E



0B0D08

Square

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



100B0E



100C08



080E0B



080D10

Rectangle

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



100B0E



110B0A



080E0B



060E0F

Sweetspot

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



100B0E



141314



0D0B10



0A090A



8A8A8A



0A0A0A

Same Dimension

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



100B0E



140D11



100B0C



080707



47002B



C70077

Inverse Universe

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



100B0E



140D11



0B1010



080707



47002B



C70077

Previews

White Background



This preview shows how the Hex color 100B0E looks on a white background.

Color Contrast Check

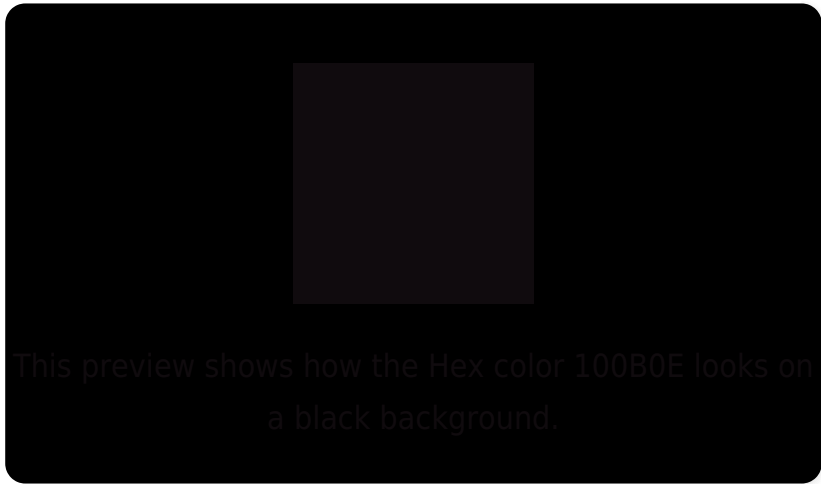
Large Text (above 18pt) WCAG AA ✓ Pass

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

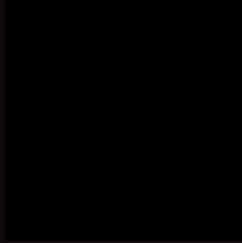
Any Text WCAG AA × Fail

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 100B0E Background



This preview shows how black text looks on a background with the Hex color 100B0E.

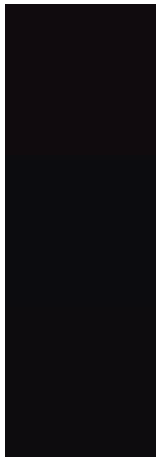


This preview shows how white text looks on a background with the Hex color 100B0E.

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
100B0E

Protanopia
0C0C0F

Deuteranopia
0D0C0E



Tritanopia
100B0C

Trichromacy



Original Color

100B0E

Protanomaly

0D0C0F

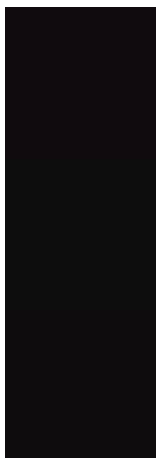
Deuteranomaly

0E0C0E

Tritanomaly

100B0D

Monochromacy



Original Color

100B0E

Achromatopsia

0D0D0D

Achromatomaly

0E0C0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 100B0E 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 #100B0E looks like.

```
.text, #text, p{  
    color:#100B0E  
}
```

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 #100B0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100B0E
}
```

Border

The CSS property to change the border of an element to Hex 100B0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

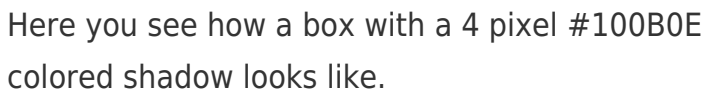
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100B0E }
```

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

```
.border{ border-color:#100B0E }
```

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



Here you see how a box with a 4 pixel #100B0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100B0E; -webkit-box-shadow:4px 4px  
4px 4px #100B0E; box-shadow:4px 4px 4px  
4px #100B0E }
```

Background

The CSS property to change the background color of an element to Hex 100B0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100B0E }
```

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

```
.background{ background-color:#100B0E }
```

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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