

Converting Colors

Hex(100E1B)

Have a look what the booklet for
Hex(100E1B) contains.

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Color

Hex(100E1B)

Conversions

Conversions Part 1

Format	Color
Hex	100E1B
RGB	16, 14, 27
RGB Percent	6%, 5%, 11%
CMY	0.9373, 0.9451, 0.8941
CMYK	0.41, 0.48, 0.00, 0.89
HSL	249°, 32%, 8%
HSV	249°, 48%, 11%
XYZ	0.5686, 0.5034, 1.1041
YIQ	16.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

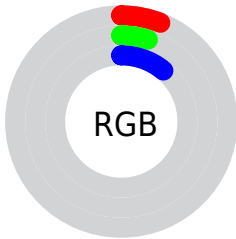
Format	Color
R_YB	16, 14, 27
Decimal	1052187
CIE Lab	4.55, 3.69, -7.86
CIE LCh	5, 8.687, 295.148
Yxy	0.5034, 0.2613, 0.2313
Android (android.graphics.Color)	4279242267 (0xFF100E1B)
YUV	16.0800, 5.3836, -0.0702
Hunter-Lab	7.0948, 1.8884, -4.2604

Details

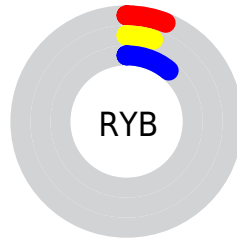
The Hex color **100E1B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **191B0E**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **3A3946**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E0B1B**, and if you desaturate by 10%, it is **12111B**.

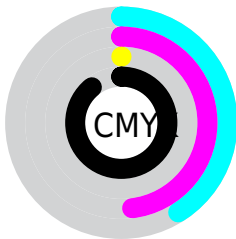
Distribution



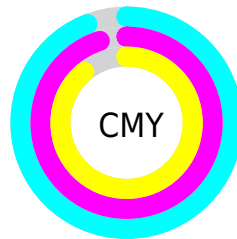
- Red (6%)
- Green (5%)
- Blue (11%)



- Red (6%)
- Yellow (5%)
- Blue (11%)



- Cyan (41%)
- Magenta (48%)
- Yellow (0%)
- Black (89%)



- Cyan (94%)
- Magenta (95%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100E1B 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 100E1B by changing the saturation by 10% instead.

■ 100E1B

■ 100E1B

■ F0EEFE

■ 000000

■ 3A3946

■ 51505E

■ 696876

■ 838190

■ 9D9BAA

■ B8B6C6

■ D3D1E2

■ 100E1B

■ 100E1B

■ 0E0B1B

■ 12111B

■ 0B091B

■ 15131B

■ 09061B

■ 17161B

■ 07031B

■ 19191B

■ 05001B

■ 1B1C1B

■ 04001B

■ 1E1E1B

■ 20211B

■ 22241B

■ 25261B

Harmonies

Analogous

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



05111C



100E1B



180B17

Triad

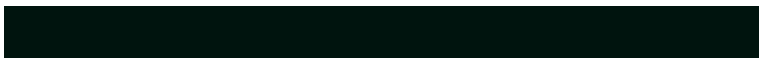
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



100E1B



1C0C00



00140E

Complementary

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



100E1B



191B0E

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.



041304



100E1B



170F00

Square

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



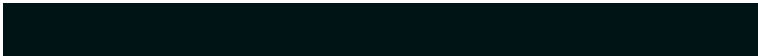
100E1B



1D0A08



0F1100



001415

Rectangle

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



100E1B



1B0A14



0F1100



00140B

Sweetspot

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



100E1B



1F1F24



0E191B



0F0F12



919191



121212

Same Dimension

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



100E1B



120F24



160E1B



0C0B0D



0C004D



1F00CC

Inverse Universe

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



1B0E19



240F21



131B0E



0D0B0D



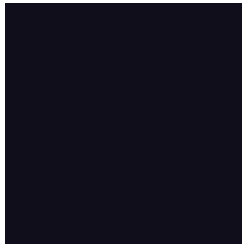
4D0041



CC00AD

Previews

White Background



This preview shows how the Hex color 100E1B looks on a white background.

Color Contrast Check

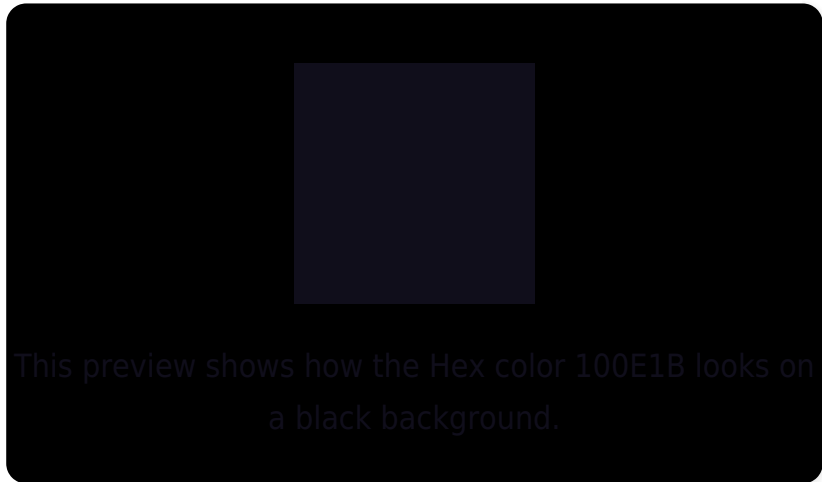
Large Text (above 18pt) WCAG AA ✓ Pass

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

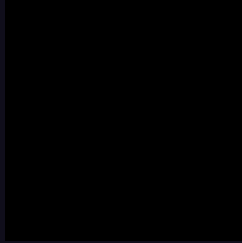
Any Text WCAG AA × Fail

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 100E1B Background



This preview shows how black text looks on a background with the Hex color 100E1B.



This preview shows how white text looks on a background with the Hex color 100E1B.

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
100E1B

Protanopia
0A0F1C

Deuteranopia
08101B



Tritanopia
0E1012

Trichromacy



Original Color

100E1B

Protanomaly

0C0F1C

Deuteranomaly

0B0F1B

Tritanomaly

0F0F15

Monochromacy



Original Color

100E1B

Achromatopsia

101010

Achromatomaly

100F14

CSS Examples

Text

The CSS property to change the color of the text to Hex 100E1B 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 #100E1B looks like.

```
.text, #text, p{  
    color:#100E1B  
}
```

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 #100E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100E1B
}
```

Border

The CSS property to change the border of an element to Hex 100E1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

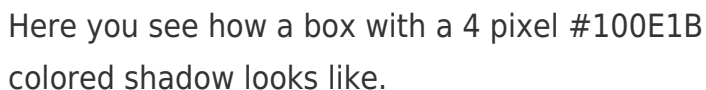
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100E1B }
```

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

```
.border{ border-color:#100E1B }
```

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



Here you see how a box with a 4 pixel #100E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100E1B; -webkit-box-shadow:4px 4px  
4px 4px #100E1B; box-shadow:4px 4px 4px  
4px #100E1B }
```

Background

The CSS property to change the background color of an element to Hex 100E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100E1B }
```

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

```
.background{ background-color:#100E1B }
```

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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