

Converting Colors

Hex(101E1E)

Have a look what the booklet for
Hex(101E1E) contains.

| | |
|------------------------------------------------|----|
| Hex(101E1E) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(101E1E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 101E1E |
| RGB | 16, 30, 30 |
| RGB Percent | 6%, 12%, 12% |
| CMY | 0.9373, 0.8824, 0.8824 |
| CMYK | 0.47, 0.00, 0.00, 0.88 |
| HSL | 180°, 30%, 9% |
| HSV | 180°, 47%, 12% |
| XYZ | 0.9123, 1.1324, 1.3988 |
| YIQ | 25.8140, -8.3440, -2.9680 |

Conversions

Conversions Part 2

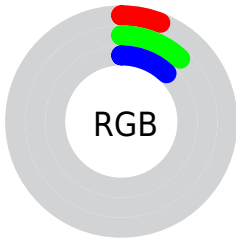
| Format | Color |
|-------------------------------------|-----------------------------------------------|
| RYB | 16, 23, 30 |
| Decimal | 1056286 |
| CIELab | 10.05, -6.02, -1.93 |
| CIElCh | 10, 6.323, 197.759 |
| Yxy | 1.1324, 0.2649, 0.3289 |
| Android (android.graphics.Color) | 4279246366 (0xFF101E1E) |
| YUV | 25.8140, 2.0637, -8.6069 |
| Hunter-Lab | 10.6416, -3.3201, -0.3443 |

Details

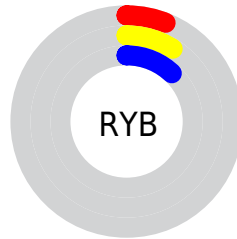
The Hex color **101E1E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1E1010**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **3A4A4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D1E1E**, and if you desaturate by 10%, it is **131E1E**.

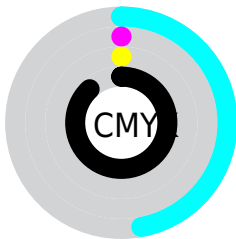
Distribution



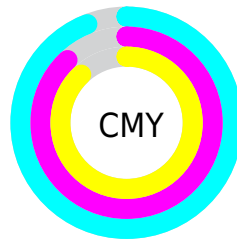
- Red (6%)
- Green (12%)
- Blue (12%)



- Red (6%)
- Yellow (9%)
- Blue (12%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (88%)



- Cyan (94%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101E1E 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 101E1E by changing the saturation by 10% instead.

■ 101E1E

■ 101E1E

■ F0FFFF

■ 000105

■ 3A4A4A

■ 000000

■ 526161

■ 6A7A7A

■ 839494

■ 9DAFAE

■ B8CACA

■ D4E6E6

■ 101E1E

■ 101E1E

■ 0D1E1E

■ 131E1E

■ 0A1E1E

■ 161E1E

■ 071E1E

■ 191E1E

■ 041E1E

■ 1C1E1E

■ 011E1E

■ 1F1E1E

■ 001E1E

■ 221E1E

■ 251E1E

■ 281E1E

■ 2B1E1E

Harmonies

Analogous

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



131E1A



101E1E



101E22

Triad

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



101E1E



1F1A21



211B13

Complementary

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



101E1E



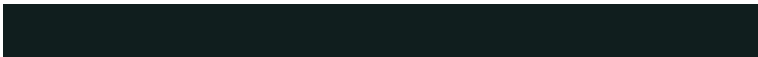
1E1010

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.



231915



101E1E



23191D

Square

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



101E1E



1A1B24



241919



1C1C13

Rectangle

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



101E1E



131D23



241919



221A14

Sweetspot

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



101E1E



212626



101E10



111414



949494



141414

Same Dimension

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



101E1E



112626



10171E



0E0F0F



004F4F



00CFCF

Inverse Universe

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



1E101E



261126



1E1710



0F0E0F



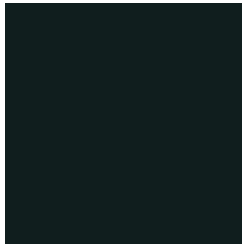
4F004F



CF00CF

Previews

White Background



This preview shows how the Hex color 101E1E looks on a white background.

Color Contrast Check

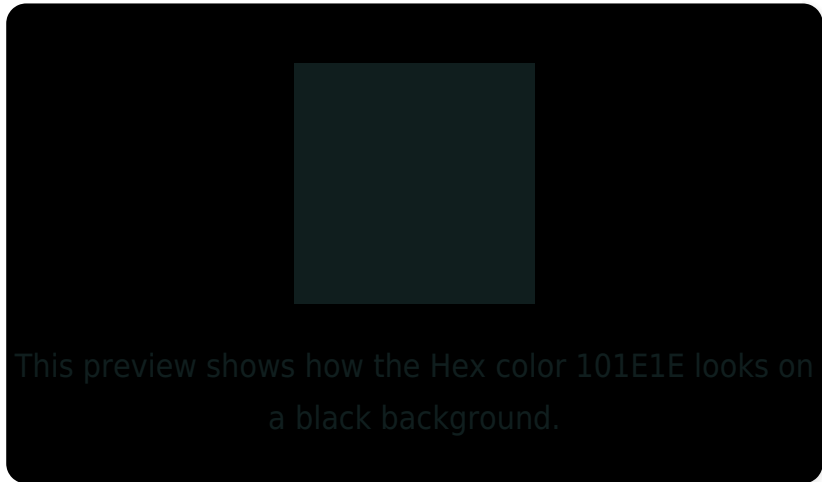
Large Text (above 18pt) WCAG AA ✓ Pass

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

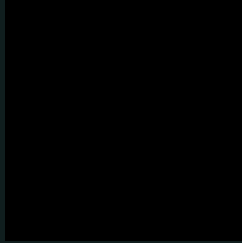
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

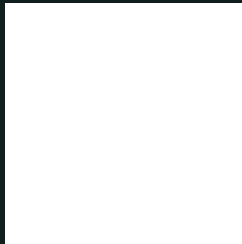
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 101E1E Background



This preview shows how black text looks on a background with the Hex color 101E1E.

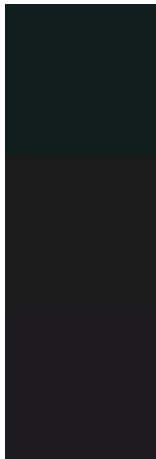


This preview shows how white text looks on a background with the Hex color 101E1E.

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
101E1E

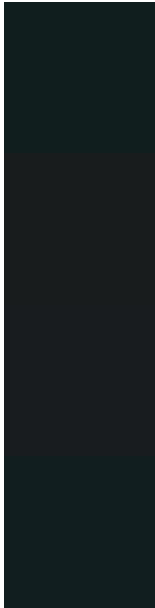
Protanopia
1C1B1C

Deuteranopia
1D1B1F



Tritanopia
111E20

Trichromacy



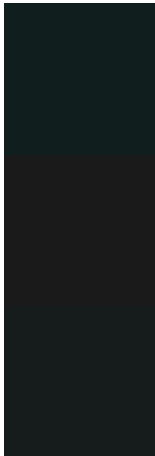
Original Color
101E1E

Protanomaly
181C1D

Deuteranomaly
181C1F

Tritanomaly
111E1F

Monochromacy



Original Color
101E1E

Achromatopsia
1A1A1A

Achromatomaly
161B1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 101E1E 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 #101E1E looks like.

```
.text, #text, p{  
    color:#101E1E  
}
```

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 #101E1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101E1E
}
```

Border

The CSS property to change the border of an element to Hex 101E1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

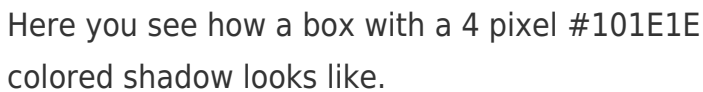
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#101E1E }
```

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

```
.border{ border-color:#101E1E }
```

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



Here you see how a box with a 4 pixel #101E1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101E1E; -webkit-box-shadow:4px 4px  
4px 4px #101E1E; box-shadow:4px 4px 4px  
4px #101E1E }
```

Background

The CSS property to change the background color of an element to Hex 101E1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101E1E }
```

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

```
.background{ background-color:#101E1E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor