

Converting Colors

Hex(102E1E)

Have a look what the booklet for
Hex(102E1E) contains.

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Color

Hex(102E1E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 102E1E |
| RGB | 16, 46, 30 |
| RGB Percent | 6%, 18%, 12% |
| CMY | 0.9373, 0.8196, 0.8824 |
| CMYK | 0.65, 0.00, 0.35, 0.82 |
| HSL | 148°, 48%, 12% |
| HSV | 148°, 65%, 18% |
| XYZ | 1.4250, 2.1579, 1.5697 |
| YIQ | 35.2060, -12.7440, -11.3360 |

Conversions

Conversions Part 2

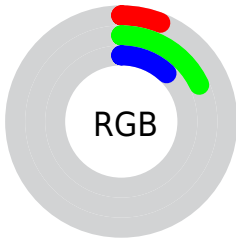
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 16, 36, 46 |
| Decimal | 1060382 |
| CIE Lab | 16.29, -15.91, 7.00 |
| CIE LCh | 16, 17.385, 156.239 |
| Yxy | 2.1579, 0.2766, 0.4188 |
| Android (android.graphics.Color) | 4279250462 (0xFF102E1E) |
| YUV | 35.2060, -2.5666, -16.8437 |
| Hunter-Lab | 14.6897, -8.3911, 3.9473 |

Details

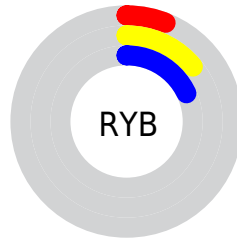
The Hex color **102E1E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E1020**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3D5C4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B2E1C**, and if you desaturate by 10%, it is **152E20**.

Distribution



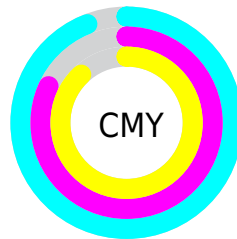
- Red (6%)
- Green (18%)
- Blue (12%)



- Red (6%)
- Yellow (14%)
- Blue (18%)



- Cyan (65%)
- Magenta (0%)
- Yellow (35%)
- Black (82%)



- Cyan (94%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102E1E 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 102E1E by changing the saturation by 10% instead.

 102E1E

 102E1E

 F5FFFF

 001A05

 3D5C4A

 000000

 557561

 6E8F7A

 87A994

 A2C4AF

 BDE0CA

 D9FDE6

 102E1E

 102E1E

■ 0B2E1C

■ 152E20

■ 072E19

■ 192E23

■ 022E17

■ 1E2E25

■ 002E15

■ 222E28

■ 272E2A

■ 2C2E2D

■ 302E2F

■ 352E32

■ 392E34

Harmonies

Analogous

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



202C14



102E1E



002F2B

Triad

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



102E1E



192941



3F201A

Complementary

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



102E1E



2E1020

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.



401E26



102E1E



2D243C

Square

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



102E1E



002C3F



3A2033



382412

Rectangle

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



102E1E



002F33



3A2033



401F1E

Sweetspot

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



102E1E



2F3B34



202E10



171F1B



9E9E9E



1F1F1F

Same Dimension

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



102E1E



0D3B22



102E2D



151716



005728



00D664

Inverse Universe

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



2E1020



3B0D25



2E1011



171516



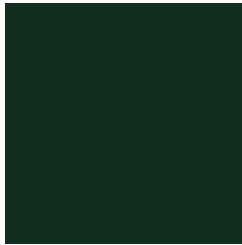
57002E



D60072

Previews

White Background



This preview shows how the Hex color 102E1E looks on a white background.

Color Contrast Check

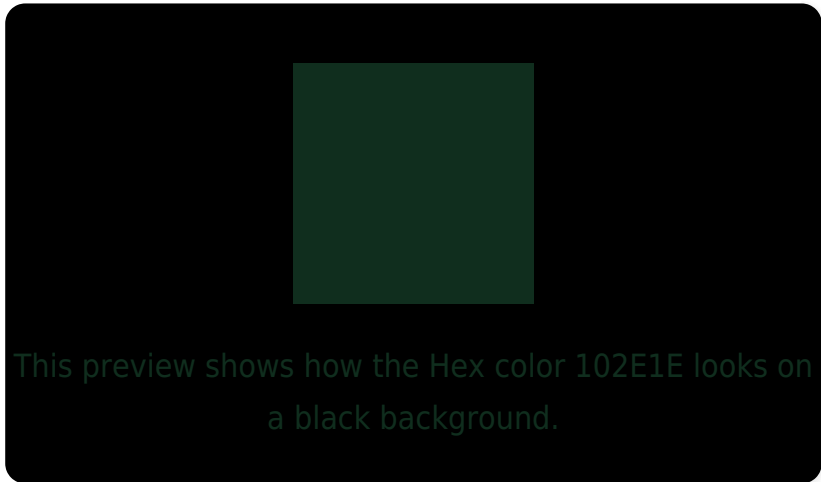
Large Text (above 18pt) WCAG AA ✓ Pass

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

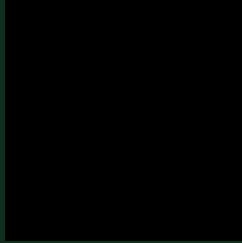
Any Text WCAG AA × Fail

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 102E1E Background



This preview shows how black text looks on a background with the Hex color 102E1E.



This preview shows how white text looks on a background with the Hex color 102E1E.

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
102E1E

Protanopia
2C281C

Deuteranopia
2F2720



Tritanopia
162C2F

Trichromacy



Original Color
102E1E

Protanomaly
222A1D

Deuteranomaly
242A1F

Tritanomaly
142D29

Monochromacy



Original Color
102E1E

Achromatopsia
232323

Achromatomaly
1C2721

CSS Examples

Text

The CSS property to change the color of the text to Hex 102E1E 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 #102E1E looks like.

```
.text, #text, p{  
    color:#102E1E  
}
```

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 #102E1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102E1E
}
```

Border

The CSS property to change the border of an element to Hex 102E1E 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
#102E1E }
```

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

```
.border{ border-color:#102E1E }
```

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

Here you see how a box with a 4 pixel #102E1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102E1E; -webkit-box-shadow:4px 4px  
4px 4px #102E1E; box-shadow:4px 4px 4px  
4px #102E1E }
```

Background

The CSS property to change the background color of an element to Hex 102E1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102E1E }
```

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

```
.background{ background-color:#102E1E }
```

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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