

Converting Colors

Hex(10231E)

Have a look what the booklet for
Hex(10231E) contains.

Hex(10231E)	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(10231E)

Conversions

Conversions Part 1

Format	Color
Hex	10231E
RGB	16, 35, 30
RGB Percent	6%, 14%, 12%
CMY	0.9373, 0.8627, 0.8824
CMYK	0.54, 0.00, 0.14, 0.86
HSL	164°, 37%, 10%
HSV	164°, 54%, 14%
XYZ	1.0491, 1.4060, 1.4444
YIQ	28.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

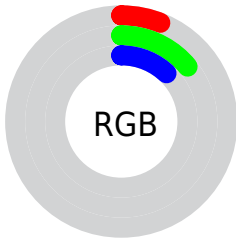
Format	Color
RYB	16, 27, 35
Decimal	1057566
CIELab	12.00, -9.35, 0.93
CIElCh	12, 9.399, 174.343
Yxy	1.4060, 0.2690, 0.3606
Android (android.graphics.Color)	4279247646 (0xFF10231E)
YUV	28.7490, 0.6167, -11.1809
Hunter-Lab	11.8573, -4.9577, 1.0778

Details

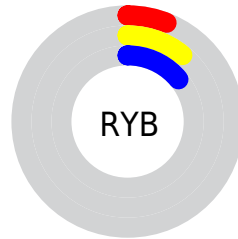
The Hex color **10231E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **231015**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3B4F4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D231D**, and if you desaturate by 10%, it is **14231F**.

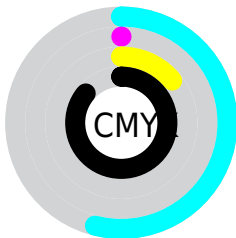
Distribution



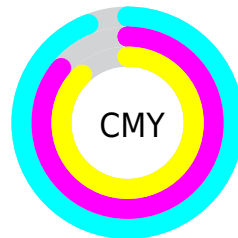
- Red (6%)
- Green (14%)
- Blue (12%)



- Red (6%)
- Yellow (11%)
- Blue (14%)



- Cyan (54%)
- Magenta (0%)
- Yellow (14%)
- Black (86%)



- Cyan (94%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10231E 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 10231E by changing the saturation by 10% instead.

■ 10231E

■ 10231E

■ F2FFFF

■ 000E05

■ 3B4F4A

■ 000000

■ 526861

■ 6B817A

■ 849B94

■ 9EB6AE

■ B9D1CA

■ D5EDE6

■ 10231E

■ 10231E

■ 0D231D

■ 14231F

■ 09231C

■ 172320

■ 05231B

■ 1B2321

■ 02231A

■ 1E2322

■ 00231A

■ 222323

■ 252324

■ 292324

■ 2C2325

■ 302326

Harmonies

Analogous

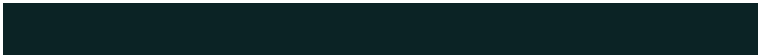
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172218



10231E



0B2325

Triad

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



10231E



1F1E2B



2A1D15

Complementary

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



10231E



231015

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.



2C1B1A



10231E



271C27

Square

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



10231E



15202C



2B1B21



251F12

Rectangle

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



10231E



0C2328



2B1B21



2B1C17

Sweetspot

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



10231E



272E2C



152310



131716



969696



171717

Same Dimension

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



10231E



102E26



101F23



101211



00523C



00D19A

Inverse Universe

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



231015



2E1018



231410



121011



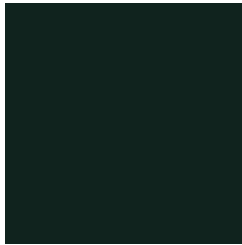
520015



D10037

Previews

White Background



This preview shows how the Hex color 10231E looks on a white background.

Color Contrast Check

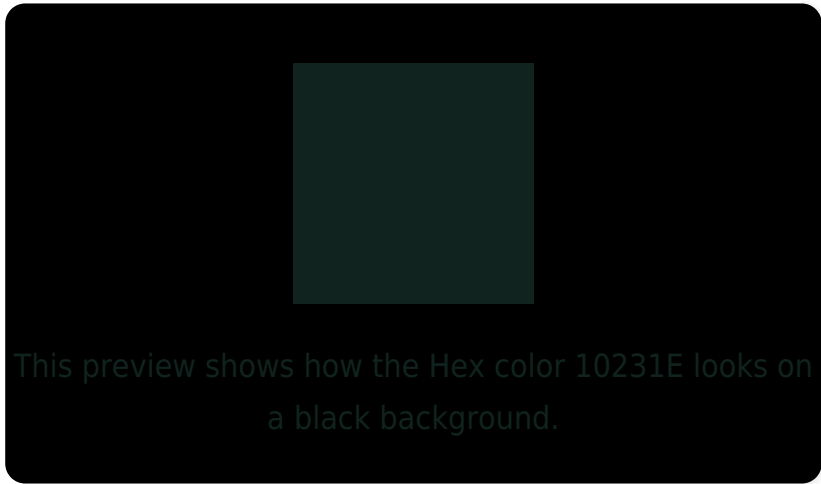
Large Text (above 18pt) WCAG AA ✓ Pass

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

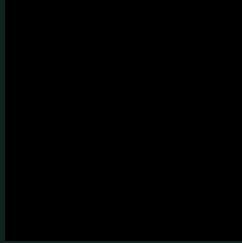
Any Text WCAG AA × Fail

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 10231E Background



This preview shows how black text looks on a background with the Hex color 10231E.



This preview shows how white text looks on a background with the Hex color 10231E.

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
10231E

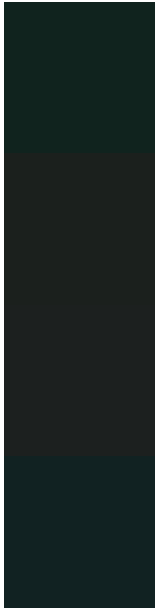
Protanopia
211F1C

Deuteranopia
231F1F



Tritanopia
122225

Trichromacy



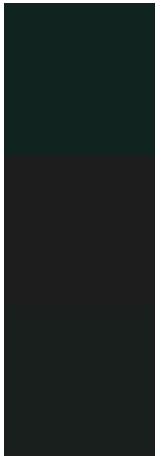
Original Color
10231E

Protanomaly
1B201D

Deuteranomaly
1C201F

Tritanomaly
112222

Monochromacy



Original Color
10231E

Achromatopsia
1D1D1D

Achromatomaly
181F1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 10231E 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 #10231E looks like.

```
.text, #text, p{  
    color:#10231E  
}
```

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 #10231E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10231E
}
```

Border

The CSS property to change the border of an element to Hex 10231E is called "border". The border property can be set on classes, ids or directly on the HTML element.

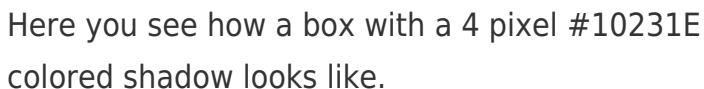
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10231E }
```

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

```
.border{ border-color:#10231E }
```

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



Here you see how a box with a 4 pixel #10231E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10231E; -webkit-box-shadow:4px 4px  
4px 4px #10231E; box-shadow:4px 4px 4px  
4px #10231E }
```

Background

The CSS property to change the background color of an element to Hex 10231E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10231E }
```

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

```
.background{ background-color:#10231E }
```

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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