

Converting Colors

Hex(10231C)

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

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Color

Hex(10231C)

Conversions

Conversions Part 1

Format	Color
Hex	10231C
RGB	16, 35, 28
RGB Percent	6%, 14%, 11%
CMY	0.9373, 0.8627, 0.8902
CMYK	0.54, 0.00, 0.20, 0.86
HSL	158°, 37%, 10%
HSV	158°, 54%, 14%
XYZ	1.0243, 1.3961, 1.3141
YIQ	28.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

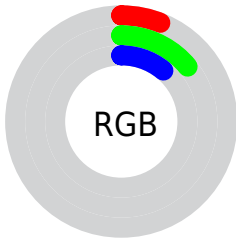
Format	Color
RYB	16, 28, 35
Decimal	1057564
CIELab	11.93, -9.95, 2.28
CIElCh	12, 10.210, 167.087
Yxy	1.3961, 0.2743, 0.3738
Android (android.graphics.Color)	4279247644 (0xFF10231C)
YUV	28.5210, -0.2569, -10.9809
Hunter-Lab	11.8155, -5.2025, 1.6768

Details

The Hex color **10231C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **231017**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3B5047**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D231B**, and if you desaturate by 10%, it is **14231D**.

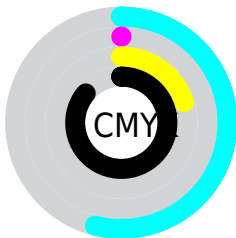
Distribution



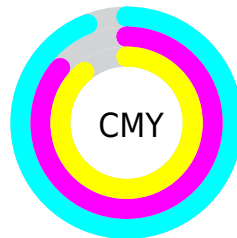
- Red (6%)
- Green (14%)
- Blue (11%)



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



- Cyan (54%)
- Magenta (0%)
- Yellow (20%)
- Black (86%)



- Cyan (94%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

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

■ 10231C

■ 10231C

■ F1FFFF

■ 000D01

■ 3B5047

■ 000000

■ 52685F

■ 6B8178

■ 849B91

■ 9EB6AC

■ B9D1C7

■ D5EDE3

■ 10231C

■ 10231C

■ 0D231B

■ 14231D

■ 092319

■ 17231F

■ 052318

■ 1B2320

■ 022317

■ 1E2321

■ 002316

■ 222322

■ 252324

■ 292325

■ 2C2326

■ 302328

Harmonies

Analogous

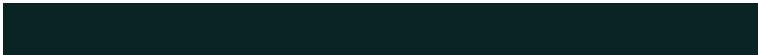
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182216



10231C



092323

Triad

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



10231C



1C1F2D



2C1C15

Complementary

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



10231C



231017

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.



2D1A1C



10231C



251C29

Square

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



10231C



12212D



2B1A23



271E11

Rectangle

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



10231C



082328



2B1A23



2D1B17

Sweetspot

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



10231C



272E2B



172310



131715



969696



171717

Same Dimension

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



10231C



102E23



102123



101211



005234



00D184

Inverse Universe

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



231017



2E101B



231210



121011



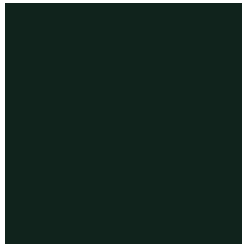
52001E



D1004D

Previews

White Background



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

Color Contrast Check

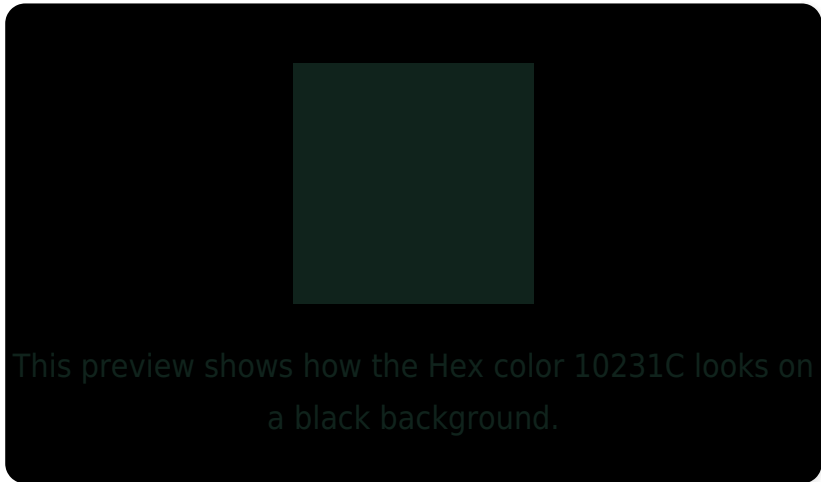
Large Text (above 18pt) WCAG AA ✓ Pass

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

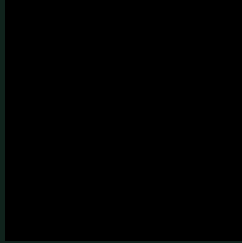
Any Text WCAG AA × Fail

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 10231C Background



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



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

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
10231C

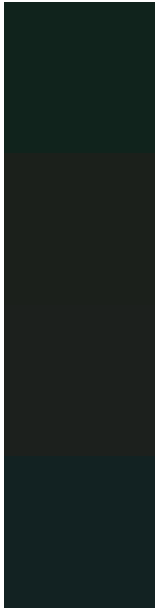
Protanopia
211F1A

Deuteranopia
231E1D



Tritanopia
132225

Trichromacy



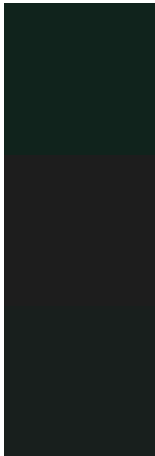
Original Color
10231C

Protanomaly
1B201B

Deuteranomaly
1C201D

Tritanomaly
122222

Monochromacy



Original Color
10231C

Achromatopsia
1D1D1D

Achromatomaly
181F1D

CSS Examples

Text

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

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

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 #10231C colored shadow looks like.

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

Border

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

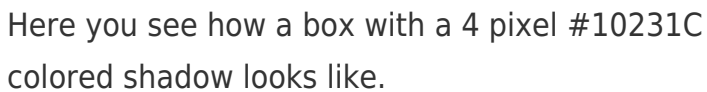
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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