

Converting Colors

Hex(10171B)

Have a look what the booklet for
Hex(10171B) contains.

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Color

Hex(10171B)

Conversions

Conversions Part 1

Format	Color
Hex	10171B
RGB	16, 23, 27
RGB Percent	6%, 9%, 11%
CMY	0.9373, 0.9098, 0.8941
CMYK	0.41, 0.15, 0.00, 0.89
HSL	202°, 26%, 8%
HSV	202°, 41%, 11%
XYZ	0.7179, 0.8021, 1.1539
YIQ	21.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

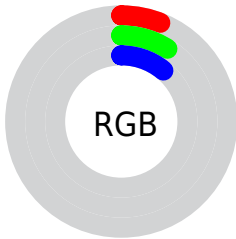
Format	Color
RYB	16, 20, 27
Decimal	1054491
CIELab	7.25, -1.82, -3.85
CIELCh	7, 4.261, 244.705
Yxy	0.8021, 0.2685, 0.3000
Android (android.graphics.Color)	4279244571 (0xFF10171B)
YUV	21.3630, 2.7790, -4.7034
Hunter-Lab	8.9559, -1.3642, -1.3699




Details

The Hex color **10171B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B1410**, and the grayscale version is **151515**.




A 20% lighter version of the original color is **3A4146**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D161B**, and if you desaturate by 10%, it is **13181B**.

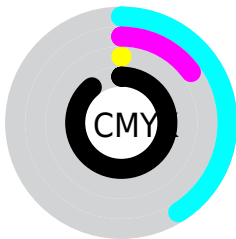
Distribution







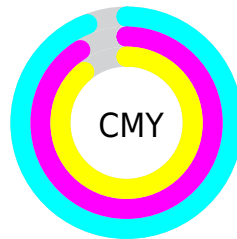
-  Red (6%)
-  Green (9%)
-  Blue (11%)






-  Red (6%)
-  Yellow (8%)
-  Blue (11%)



-  Cyan (41%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (89%)



-  Cyan (94%)
-  Magenta (91%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10171B 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 10171B by changing the saturation by 10% instead.

■ 10171B

■ 10171B

■ F0F8FE

■ 000000

■ 3A4146

■ 51595E

■ 697176

■ 838B90

■ 9DA5AA

■ B8C0C6

■ D3DCE2

■ 10171B

■ 10171B

■ 0D161B

■ 13181B

■ 0B151B

■ 15191B

■ 08141B

■ 181A1B

■ 05131B

■ 1B1B1B

■ 03121B

■ 1D1C1B

■ 00111B

■ 201D1B

■ 231E1B

■ 261F1B

■ 28201B

Harmonies

Analogous

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



0E1819



10171B



13161C

Triad

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



10171B



1C1416



151711

Complementary

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



10171B



1B1410

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.



18160F



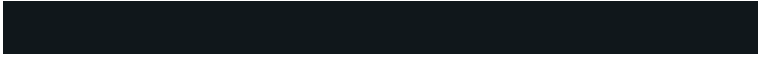
10171B



1C1412

Square

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



10171B



1A1418



1B1510



111813

Rectangle

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



10171B



16151B



1B1510



161710

Sweetspot

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



10171B



1F2224



101B14



0F1112



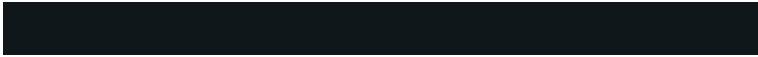
919191



121212

Same Dimension

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



10171B



121D24



10121B



0B0C0D



00314D



0082CC

Inverse Universe

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



1B1017



24121D



1B1910



0D0B0C



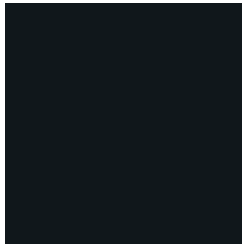
4D0031



CC0082

Previews

White Background



This preview shows how the Hex color 10171B looks on a white background.

Color Contrast Check

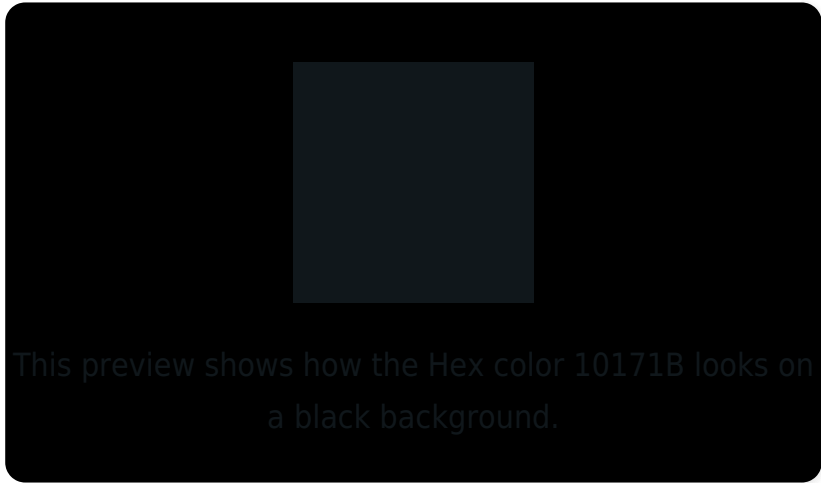
Large Text (above 18pt) WCAG AA ✓ Pass

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

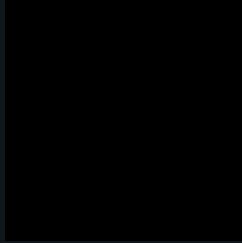
Any Text WCAG AA × Fail

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 10171B Background



This preview shows how black text looks on a background with the Hex color 10171B.



This preview shows how white text looks on a background with the Hex color 10171B.

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
10171B

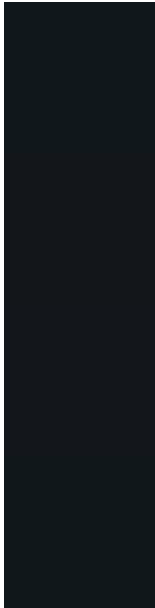
Protanopia
15161A

Deuteranopia
15161B



Tritanopia
101719

Trichromacy



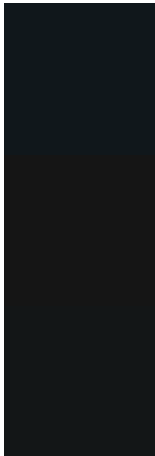
Original Color
10171B

Protanomaly
13161A

Deuteranomaly
13161B

Tritanomaly
10171A

Monochromacy



Original Color
10171B

Achromatopsia
151515

Achromatomaly
131617

CSS Examples

Text

The CSS property to change the color of the text to Hex 10171B 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 #10171B looks like.

```
.text, #text, p{  
    color:#10171B  
}
```

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 #10171B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10171B
}
```

Border

The CSS property to change the border of an element to Hex 10171B is called "border". The border property can be set on classes, ids or directly on the HTML element.

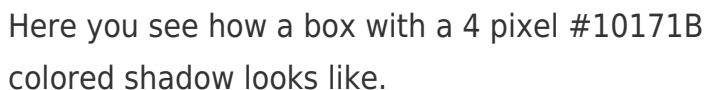
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10171B }
```

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

```
.border{ border-color:#10171B }
```

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



Here you see how a box with a 4 pixel #10171B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10171B; -webkit-box-shadow:4px 4px  
4px 4px #10171B; box-shadow:4px 4px 4px  
4px #10171B }
```

Background

The CSS property to change the background color of an element to Hex 10171B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10171B }
```

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

```
.background{ background-color:#10171B }
```

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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