

Converting Colors

Hex(04171C)

Have a look what the booklet for
Hex(04171C) contains.

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Color

Hex(04171C)

Conversions

Conversions Part 1

Format	Color
Hex	04171C
RGB	4, 23, 28
RGB Percent	2%, 9%, 11%
CMY	0.9843, 0.9098, 0.8902
CMYK	0.86, 0.18, 0.00, 0.89
HSL	192°, 75%, 6%
HSV	192°, 86%, 11%
XYZ	0.5661, 0.7224, 1.2082
YIQ	17.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

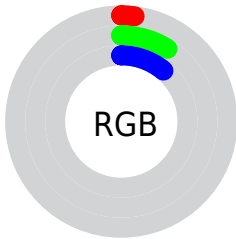
Format	Color
R _Y B	4, 15, 28
Decimal	268060
CIE Lab	6.53, -4.94, -5.77
CIE LCh	7, 7.597, 229.440
Yxy	0.7224, 0.2267, 0.2894
Android (android.graphics.Color)	4278458140 (0xFF04171C)
YUV	17.8890, 4.9847, -12.1807
Hunter-Lab	8.4997, -2.9866, -2.4782

Details

The Hex color **04171C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C0904**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **314147**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **01161C**, and if you desaturate by 10%, it is **07181C**.

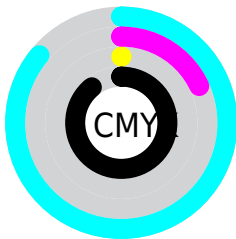
Distribution



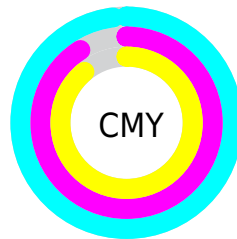
- Red (2%)
- Green (9%)
- Blue (11%)



- Red (2%)
- Yellow (6%)
- Blue (11%)



- Cyan (86%)
- Magenta (18%)
- Yellow (0%)
- Black (89%)



- Cyan (98%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04171C 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 04171C by changing the saturation by 10% instead.

■ 04171C

■ 04171C

■ E5F8FF

■ 000000

■ 314147

■ 48595F

■ 607178

■ 798B91

■ 93A5AC

■ ADC0C7

■ C9DCE3

■ 04171C

■ 04171C

■ 01161C

■ 07181C

■ 00161C

■ 0A181C

■ 0C191C

■ 0F191C

■ 121A1C

■ 151B1C

■ 181B1C

■ 1A1C1C

■ 1D1C1C

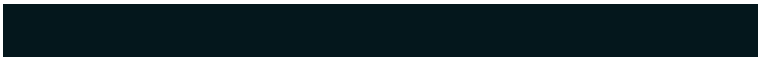
Harmonies

Analogous

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



021818



04171C



0B161E

Triad

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



04171C



1E1117



151506

Complementary

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



04171C



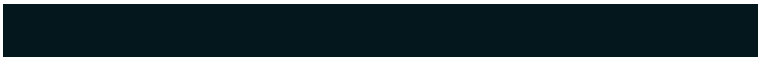
1C0904

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.



1B1306



04171C



1F1111

Square

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



04171C



19121B



1E120A



0E170B

Rectangle

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



04171C



10141E



1E120A



181505

Sweetspot

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



04171C



1A2224



041C09



0C1112



919191



121212

Same Dimension

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



04171C



001C24



040B1C



0B0C0D



003D4D



00A2CC

Inverse Universe

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



1C0417



24001C



1C1504



0D0B0C



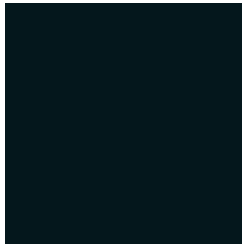
4D003D



CC00A1

Previews

White Background



This preview shows how the Hex color 04171C looks on a white background.

Color Contrast Check

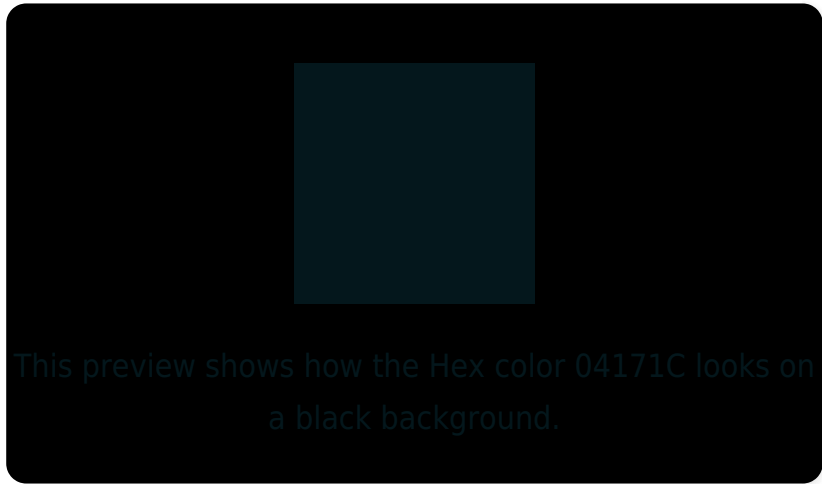
Large Text (above 18pt) WCAG AA ✓ Pass

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

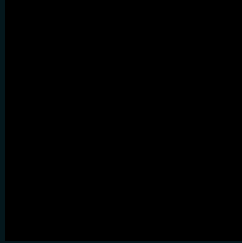
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

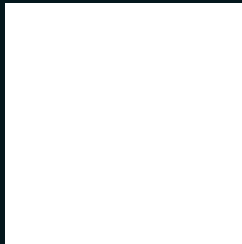
Any Text WCAG AAA × Fail

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

Hex 04171C Background



This preview shows how black text looks on a background with the Hex color 04171C.



This preview shows how white text looks on a background with the Hex color 04171C.

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
04171C

Protanopia
14151A

Deuteranopia
13151D



Tritanopia
001719

Trichromacy



Original Color
04171C

Protanomaly
0E161B

Deuteranomaly
0E161D

Tritanomaly
01171A

Monochromacy



Original Color
04171C

Achromatopsia
121212

Achromatomaly
0D1416

CSS Examples

Text

The CSS property to change the color of the text to Hex 04171C 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 #04171C looks like.

```
.text, #text, p{  
    color:#04171C  
}
```

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 #04171C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04171C
}
```

Border

The CSS property to change the border of an element to Hex 04171C is called "border". The border property can be set on classes, ids or directly on the HTML element.

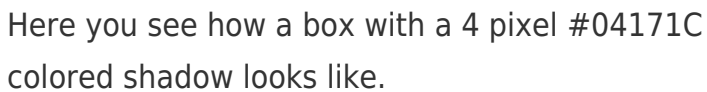
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#04171C }
```

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

```
.border{ border-color:#04171C }
```

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



Here you see how a box with a 4 pixel #04171C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04171C; -webkit-box-shadow:4px 4px  
4px 4px #04171C; box-shadow:4px 4px 4px  
4px #04171C }
```

Background

The CSS property to change the background color of an element to Hex 04171C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04171C }
```

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

```
.background{ background-color:#04171C }
```

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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