

Converting Colors

Hex(18171C)

Have a look what the booklet for
Hex(18171C) contains.

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Color

Hex(18171C)

Conversions

Conversions Part 1

Format	Color
Hex	18171C
RGB	24, 23, 28
RGB Percent	9%, 9%, 11%
CMY	0.9059, 0.9098, 0.8902
CMYK	0.14, 0.18, 0.00, 0.89
HSL	252°, 10%, 10%
HSV	252°, 18%, 11%
XYZ	0.8927, 0.8908, 1.2235
YIQ	23.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

Format	Color
R_YB	24, 23, 28
Decimal	1578780
CIE Lab	8.05, 1.84, -3.34
CIE LCh	8, 3.812, 298.919
Yxy	0.8908, 0.2969, 0.2962
Android (android.graphics.Color)	4279768860 (0xFF18171C)
YUV	23.8690, 2.0366, 0.1149
Hunter-Lab	9.4383, 0.3656, -1.0790

Details

The Hex color **18171C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B1C17**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **434147**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **16141C**, and if you desaturate by 10%, it is **1A1A1C**.

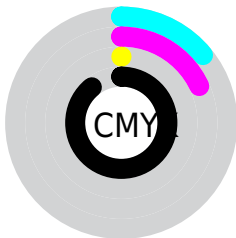
Distribution



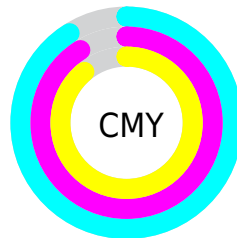
- Red (9%)
- Green (9%)
- Blue (11%)



- Red (9%)
- Yellow (9%)
- Blue (11%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (89%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 18171C 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 18171C by changing the saturation by 10% instead.

■ 18171C

■ 18171C

■ FAF8FF

■ 000000

■ 434147

■ 5A595F

■ 737178

■ 8C8B91

■ A6A5AC

■ C2C0C7

■ DEDCE3

■ 18171C

■ 18171C

■ 16141C

■ 1A1A1C

■ 14111C

■ 1C1D1C

■ 110F1C

■ 1F1F1C

■ 0F0C1C

■ 21221C

■ 0D091C

■ 23251C

■ 0B061C

■ 25281C

■ 08031C

■ 282B1C

■ 06011C

■ 2A2D1C

■ 06001C

■ 2C301C

Harmonies

Analogous

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



15181D



18171C



1B161A

Triad

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



18171C



1C1713



121917

Complementary

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



18171C



1B1C17

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.



141915



18171C



1A1712

Square

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



18171C



1D1615



171813



11191A

Rectangle

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



18171C



1C1619



171813



121917

Sweetspot

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



18171C



222224



171B1C



111112



919191



121212

Same Dimension

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



18171C



1E1C24



1B171C



0C0B0D



0F004D



2900CC

Inverse Universe

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



1C171B



241C22



181C17



0D0B0C



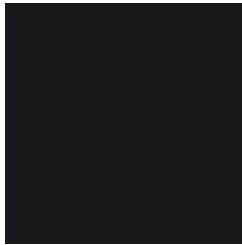
4D003D



CC00A3

Previews

White Background



This preview shows how the Hex color 18171C looks on a white background.

Color Contrast Check

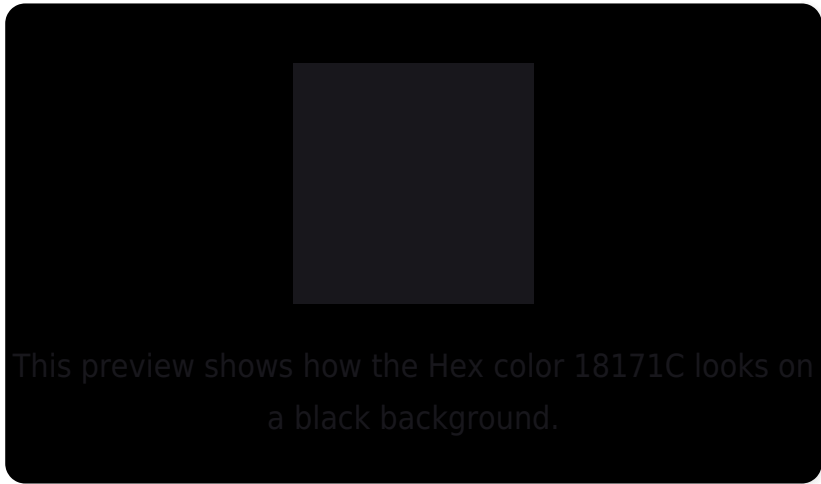
Large Text (above 18pt) WCAG AA ✓ Pass

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

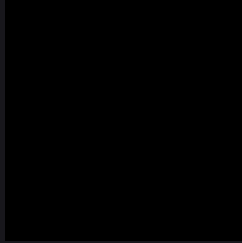
Any Text WCAG AA × Fail

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 18171C Background



This preview shows how black text looks on a background with the Hex color 18171C.



This preview shows how white text looks on a background with the Hex color 18171C.

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
18171C

Protanopia
17171C

Deuteranopia
18171C



Tritanopia
181719

Trichromacy



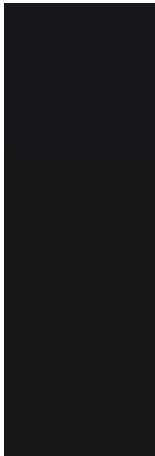
Original Color
18171C

Protanomaly
17171C

Deuteranomaly
18171C

Tritanomaly
18171A

Monochromacy



Original Color
18171C

Achromatopsia
181818

Achromatomaly
181819

CSS Examples

Text

The CSS property to change the color of the text to Hex 18171C 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 #18171C looks like.

```
.text, #text, p{  
    color:#18171C  
}
```

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 #18171C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18171C
}
```

Border

The CSS property to change the border of an element to Hex 18171C is called "border". The border property can be set on classes, ids or directly on the HTML element.

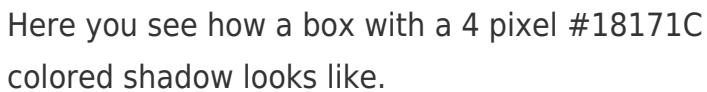
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18171C }
```

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

```
.border{ border-color:#18171C }
```

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



Here you see how a box with a 4 pixel #18171C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18171C; -webkit-box-shadow:4px 4px  
4px 4px #18171C; box-shadow:4px 4px 4px  
4px #18171C }
```

Background

The CSS property to change the background color of an element to Hex 18171C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18171C }
```

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

```
.background{ background-color:#18171C }
```

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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