

# Converting Colors

Hex(171C19)

Have a look what the booklet for  
Hex(171C19) contains.

<b>Hex(171C19)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(171C19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	171C19
RGB	23, 28, 25
RGB Percent	9%, 11%, 10%
CMY	0.9098, 0.8902, 0.9020
CMYK	0.18, 0.00, 0.11, 0.89
HSL	144°, 10%, 10%
HSV	144°, 18%, 11%
XYZ	0.9441, 1.0829, 1.0790
YIQ	26.1630, -2.0170, -1.9930

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 27, 28
Decimal	1514521
CIELab	9.66, -3.14, 1.29
CIELCh	10, 3.393, 157.670
Yxy	1.0829, 0.3040, 0.3486
Android (android.graphics.Color)	4279704601 (0xFF171C19)
YUV	26.1630, -0.5734, -2.7740
Hunter-Lab	10.4060, -2.0164, 1.1367

# Details

The Hex color **171C19** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C171A**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **424744**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141C17**, and if you desaturate by 10%, it is **1A1C1B**.

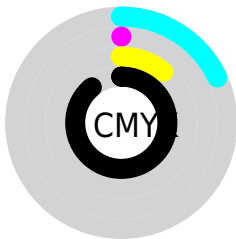
# Distribution



- Red (9%)
- Green (11%)
- Blue (10%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (89%)



- Cyan (91%)
- Magenta (89%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 171C19 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 171C19 by changing the saturation by 10% instead.



■ 171C19

■ 171C19

■ F9FFFB

■ 000000

■ 424744

■ 595F5B

■ 717874

■ 8B918D

■ A5ACA8

■ C0C7C3

■ DCE3DF

■ 171C19

■ 171C19

■ 141C17

■ 1A1C1B

■ 111C16

■ 1D1C1C

■ 0F1C14

■ 1F1C1E

■ 0C1C12

■ 221C20

■ 091C11

■ 251C21

■ 061C0F

■ 281C23

■ 031C0D

■ 2B1C25

■ 011C0C

■ 2D1C26

■ 001C0B

■ 301C28

# Harmonies

## Analogous

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



191C17



171C19



151C1B

# Triad

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



171C19



191B1F



201918

# Complementary

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



171C19



1C171A

# 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.



20191A



171C19



1C1A1E

# Square

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



171C19



171C1F



1E191D



1E1A17

# Rectangle

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



171C19



151C1D



1E191D



201919



# Sweetspot

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



171C19



222423



1A1C17



111211



919191



121212



# Same Dimension

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



171C19



1C241F



171C1B



0B0D0C



004D1F



00CC52



# Inverse Universe

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



1C171A



241C21



1C1718



0D0B0C



4D002E

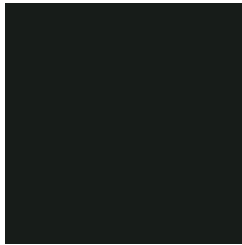


CC007A



# Previews

## White Background



This preview shows how the Hex color 171C19 looks on a white background.

## Color Contrast Check

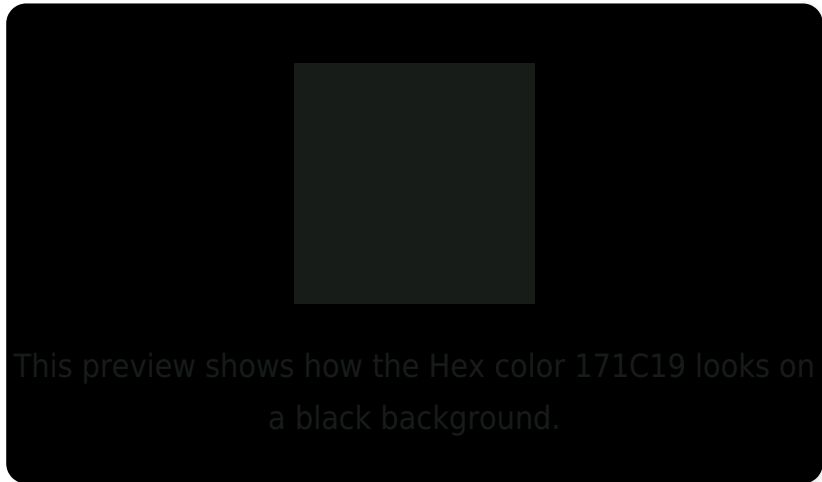
Large Text (above 18pt) WCAG AA ✓ Pass

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

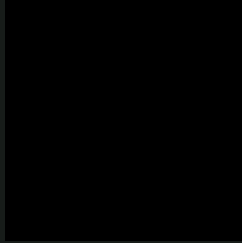
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

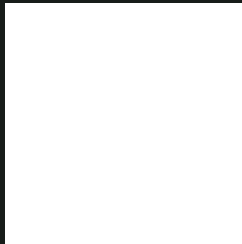
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 171C19 Background



This preview shows how black text looks on a background with the Hex color 171C19.

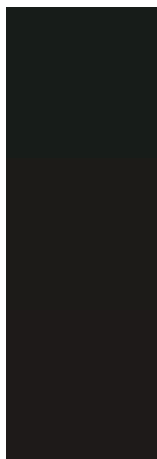


This preview shows how white text looks on a background with the Hex color 171C19.

# 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**

171C19

**Protanopia**

1C1B18

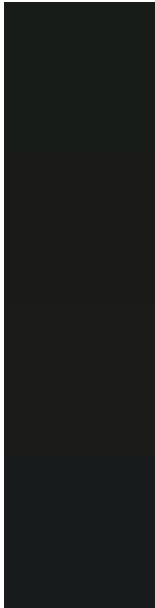
**Deuteranopia**

1E1A19



**Tritanopia**  
181B1E

# Trichromacy



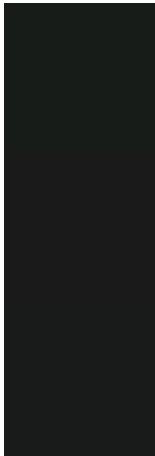
**Original Color**  
171C19

**Protanomaly**  
1A1B18

**Deuteranomaly**  
1B1B19

**Tritanomaly**  
181B1C

# Monochromacy



**Original Color**  
171C19

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
191B1A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 171C19 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 #171C19 looks like.

```
.text, #text, p{  
    color:#171C19  
}
```

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 #171C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171C19
}
```

## Border

The CSS property to change the border of an element to Hex 171C19 is called "border". The border property can be set on classes, ids or directly on the HTML element.

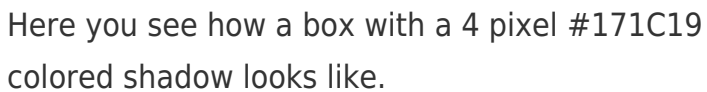
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#171C19 }
```

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

```
.border{ border-color:#171C19 }
```

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



Here you see how a box with a 4 pixel #171C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171C19; -webkit-box-shadow:4px 4px  
4px 4px #171C19; box-shadow:4px 4px 4px  
4px #171C19 }
```

# Background

The CSS property to change the background color of an element to Hex 171C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171C19 }
```

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

```
.background{ background-color:#171C19 }
```

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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