

Converting Colors

Hex(171F1B)

Have a look what the booklet for
Hex(171F1B) contains.

Hex(171F1B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(171F1B)

Conversions

Conversions Part 1

Format	Color
Hex	171F1B
RGB	23, 31, 27
RGB Percent	9%, 12%, 11%
CMY	0.9098, 0.8784, 0.8941
CMYK	0.26, 0.00, 0.13, 0.88
HSL	150°, 15%, 11%
HSV	150°, 26%, 12%
XYZ	1.0412, 1.2413, 1.2216
YIQ	28.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

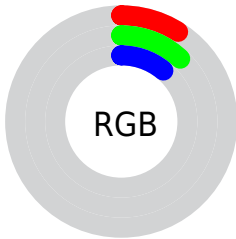
Format	Color
R_{YB}	23, 28, 31
Decimal	1515291
CIE Lab	10.86, -4.72, 1.53
CIE LCh	11, 4.967, 162.012
Yxy	1.2413, 0.2971, 0.3542
Android (android.graphics.Color)	4279705371 (0xFF171F1B)
YUV	28.1520, -0.5679, -4.5183
Hunter-Lab	11.1412, -2.8159, 1.2977

Details

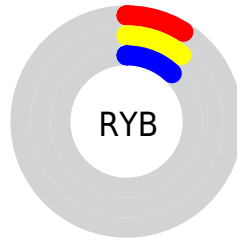
The Hex color **171F1B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F171B**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **424B46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141F19**, and if you desaturate by 10%, it is **1A1F1D**.

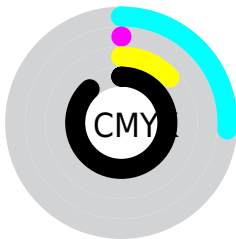
Distribution



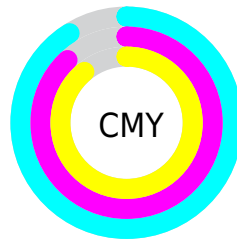
- Red (9%)
- Green (12%)
- Blue (11%)



- Red (9%)
- Yellow (11%)
- Blue (12%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (88%)



- Cyan (91%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171F1B 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 171F1B by changing the saturation by 10% instead.

■ 171F1B

■ 171F1B

■ F9FFFE

■ 000600

■ 424B46

■ 000000

■ 59635E

■ 727B76

■ 8B9590

■ A5B0AA

■ C1CBC6

■ DCE7E2

■ 171F1B

■ 171F1B

■ 141F19

■ 1A1F1D

■ 111F18

■ 1D1F1E

■ 0E1F16

■ 201F20

■ 0B1F15

■ 231F21

■ 071F13

■ 271F23

■ 041F12

■ 2A1F24

■ 011F10

■ 2D1F26

■ 001F10

■ 301F27

■ 331F29

Harmonies

Analogous

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



1B1E18



171F1B



151F1E

Triad

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



171F1B



1B1D24



241B19

Complementary

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



171F1B



1F171B

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.



241B1C



171F1B



1F1C22

Square

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



171F1B



171E23



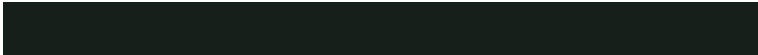
231B1F



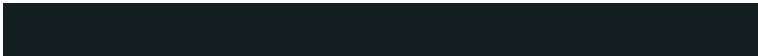
221C17

Rectangle

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



171F1B



141F21



231B1F



241B1A

Sweetspot

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



171F1B



262927



1B1F17



121413



949494



141414

Same Dimension

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



171F1B



1C2922



171F1F



0E0F0F



004F28



00CF67

Inverse Universe

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



1F171B



291C22



1F1717



0F0E0F



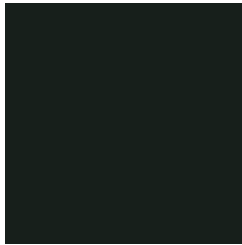
4F0028



CF0067

Previews

White Background



This preview shows how the Hex color 171F1B looks on a white background.

Color Contrast Check

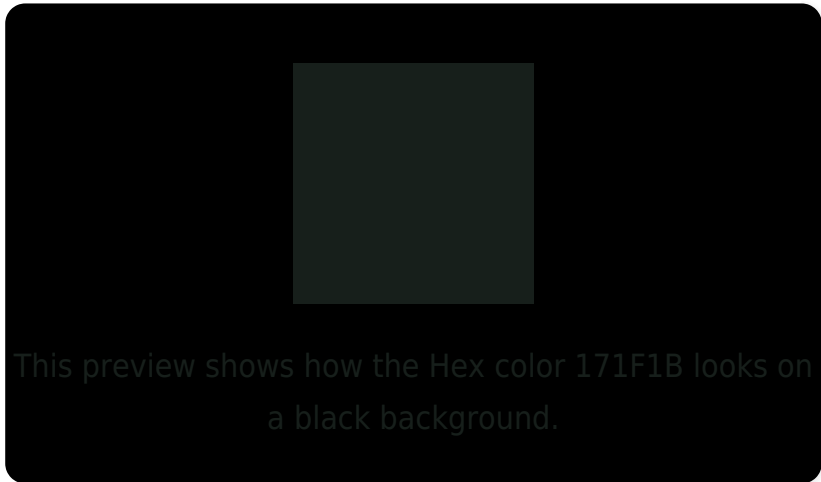
Large Text (above 18pt) WCAG AA ✓ Pass

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

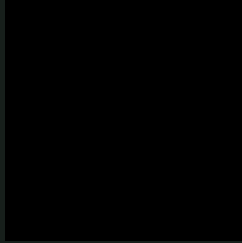
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

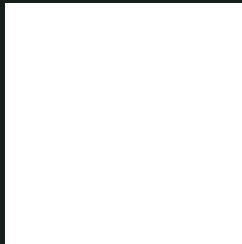
Any Text WCAG AAA × Fail

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

Hex 171F1B Background



This preview shows how black text looks on a background with the Hex color 171F1B.

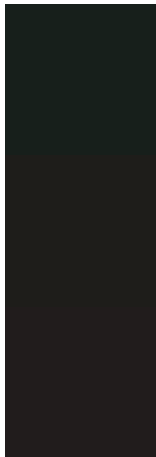


This preview shows how white text looks on a background with the Hex color 171F1B.

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
171F1B

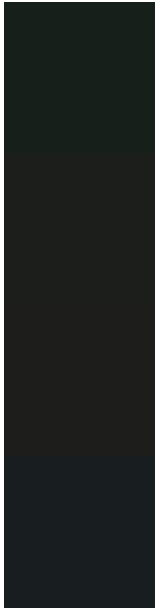
Protanopia
1E1D1A

Deuteranopia
211C1C



Tritanopia
181E21

Trichromacy



Original Color

171F1B

Protanomaly

1B1E1A

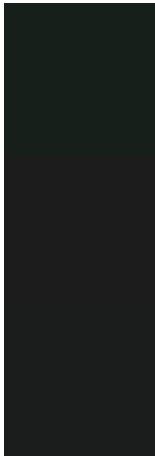
Deuteranomaly

1D1D1C

Tritanomaly

181E1F

Monochromacy



Original Color

171F1B

Achromatopsia

1C1C1C

Achromatomaly

1A1D1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 171F1B 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 #171F1B looks like.

```
.text, #text, p{  
    color:#171F1B  
}
```

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 #171F1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171F1B
}
```

Border

The CSS property to change the border of an element to Hex 171F1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

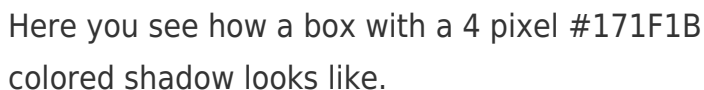
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#171F1B }
```

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

```
.border{ border-color:#171F1B }
```

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



Here you see how a box with a 4 pixel #171F1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171F1B; -webkit-box-shadow:4px 4px  
4px 4px #171F1B; box-shadow:4px 4px 4px  
4px #171F1B }
```

Background

The CSS property to change the background color of an element to Hex 171F1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171F1B }
```

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

```
.background{ background-color:#171F1B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor