

Converting Colors

Hex(171B22)

Have a look what the booklet for
Hex(171B22) contains.

Hex(171B22)	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(171B22)

Conversions

Conversions Part 1

Format	Color
Hex	171B22
RGB	23, 27, 34
RGB Percent	9%, 11%, 13%
CMY	0.9098, 0.8941, 0.8667
CMYK	0.32, 0.21, 0.00, 0.87
HSL	218°, 19%, 11%
HSV	218°, 32%, 13%
XYZ	1.0340, 1.0815, 1.6676
YIQ	26.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

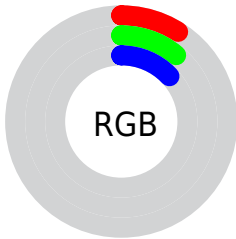
Format	Color
R_{YB}	23, 26, 34
Decimal	1514274
CIE Lab	9.65, 0.22, -5.44
CIE LCh	10, 5.443, 272.285
Yxy	1.0815, 0.2733, 0.2859
Android (android.graphics.Color)	4279704354 (0xFF171B22)
YUV	26.6020, 3.6472, -3.1590
Hunter-Lab	10.3996, -0.4513, -2.2277

Details

The Hex color **171B22** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **221E17**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **42464E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141922**, and if you desaturate by 10%, it is **1A1D22**.

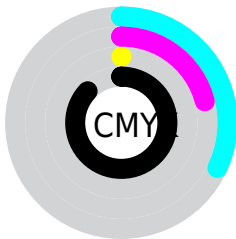
Distribution



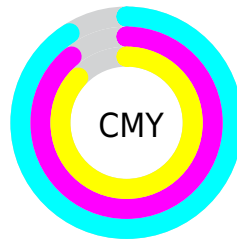
- Red (9%)
- Green (11%)
- Blue (13%)



- Red (9%)
- Yellow (10%)
- Blue (13%)



- Cyan (32%)
- Magenta (21%)
- Yellow (0%)
- Black (87%)



- Cyan (91%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171B22 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 171B22 by changing the saturation by 10% instead.

■ 171B22

■ 171B22

■ F9FEFF

■ 00000C

■ 42464E

■ 000000

■ 595E66

■ 72767F

■ 8B9099

■ A6AAB4

■ C1C6CF

■ DDE2EC

■ 171B22

■ 171B22

■ 141922

■ 1A1D22

■ 101722

■ 1E1F22

■ 0D1522

■ 212122

■ 091222

■ 252422

■ 061022

■ 282622

■ 030E22

■ 2B2822

■ 000C22

■ 2F2A22

■ 322C22

■ 362E22

Harmonies

Analogous

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



131C21



171B22



1C1A21

Triad

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



171B22



221917



151D17

Complementary

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



171B22



221E17

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.



191C14



171B22



211914

Square

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



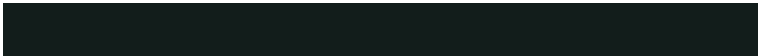
171B22



22181B



1D1B13



121D1B

Rectangle

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



171B22



1F191F



1D1B13



171C16

Sweetspot

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



171B22



27292B



17221E



141517



969696



171717

Same Dimension

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



171B22



1A212B



181722



101112



001E52



004CD1

Inverse Universe

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



22171B



2B1A21



212217



121011



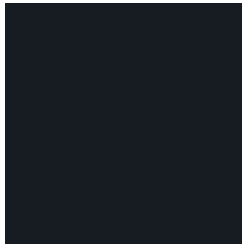
52001E



D1004C

Previews

White Background



This preview shows how the Hex color 171B22 looks on a white background.

Color Contrast Check

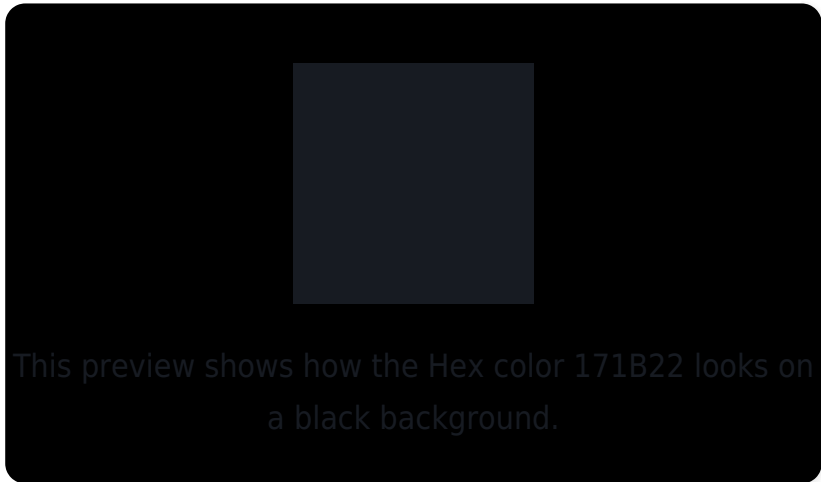
Large Text (above 18pt) WCAG AA ✓ Pass

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

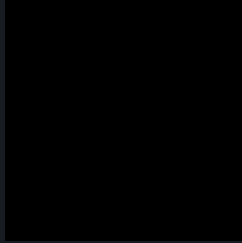
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

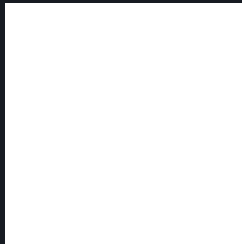
Any Text WCAG AAA × Fail

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

Hex 171B22 Background



This preview shows how black text looks on a background with the Hex color 171B22.



This preview shows how white text looks on a background with the Hex color 171B22.

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
171B22

Protanopia
191A22

Deuteranopia
191A22



Tritanopia
161C1E

Trichromacy



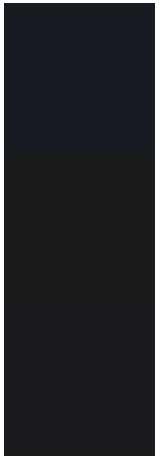
Original Color
171B22

Protanomaly
181A22

Deuteranomaly
181A22

Tritanomaly
161C1F

Monochromacy



Original Color
171B22

Achromatopsia
1B1B1B

Achromatomaly
1A1B1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 171B22 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 #171B22 looks like.

```
.text, #text, p{  
    color:#171B22  
}
```

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 #171B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171B22
}
```

Border

The CSS property to change the border of an element to Hex 171B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

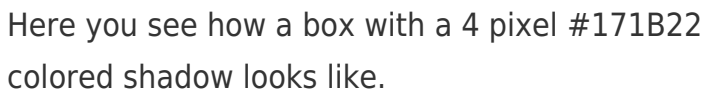
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#171B22 }
```

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

```
.border{ border-color:#171B22 }
```

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



Here you see how a box with a 4 pixel #171B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171B22; -webkit-box-shadow:4px 4px  
4px 4px #171B22; box-shadow:4px 4px 4px  
4px #171B22 }
```

Background

The CSS property to change the background color of an element to Hex 171B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171B22 }
```

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

```
.background{ background-color:#171B22 }
```

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