

Converting Colors

Hex(17221C)

Have a look what the booklet for
Hex(17221C) contains.

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Color

Hex(17221C)

Conversions

Conversions Part 1

Format	Color
Hex	17221C
RGB	23, 34, 28
RGB Percent	9%, 13%, 11%
CMY	0.9098, 0.8667, 0.8902
CMYK	0.32, 0.00, 0.18, 0.87
HSL	147°, 19%, 11%
HSV	147°, 32%, 13%
XYZ	1.1350, 1.4101, 1.3110
YIQ	30.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

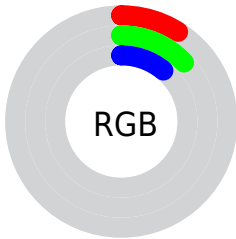
Format	Color
R_{YB}	23, 31, 34
Decimal	1516060
CIE Lab	12.02, -6.51, 2.48
CIE LCh	12, 6.966, 159.159
Yxy	1.4101, 0.2943, 0.3657
Android (android.graphics.Color)	4279706140 (0xFF17221C)
YUV	30.0270, -0.9993, -6.1627
Hunter-Lab	11.8746, -3.7194, 1.7666

Details

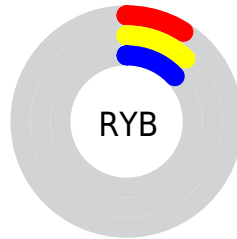
The Hex color **17221C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22171D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **424E47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **14221A**, and if you desaturate by 10%, it is **1A221E**.

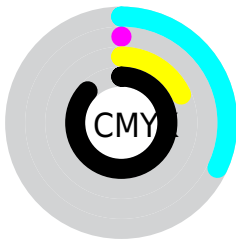
Distribution



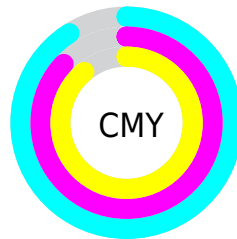
- Red (9%)
- Green (13%)
- Blue (11%)



- Red (9%)
- Yellow (12%)
- Blue (13%)



- Cyan (32%)
- Magenta (0%)
- Yellow (18%)
- Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 17221C 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 17221C by changing the saturation by 10% instead.

■ 17221C

■ 17221C

■ F9FFFF

■ 000C01

■ 424E47

■ 000000

■ 59665F

■ 727F78

■ 8B9991

■ A6B4AC

■ C1D0C7

■ DDECE3

■ 17221C

■ 17221C

■ 14221A

■ 1A221E

■ 102218

■ 1E2220

■ 0D2216

■ 212222

■ 092215

■ 252223

■ 062213

■ 282225

■ 032211

■ 2B2227

■ 00220F

■ 2F2229

■ 32222B

■ 36222D

Harmonies

Analogous

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



1C2118



17221C



132221

Triad

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



17221C



1C1F29



291D1A

Complementary

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



17221C



22171D

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.



291C1E



17221C



221E27

Square

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



17221C



162128



271D23



261E17

Rectangle

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



17221C



122224



271D23



291C1B

Sweetspot

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



17221C



272B29



1D2217



141715



969696



171717

Same Dimension

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



17221C



1A2B22



172221



101211



005225



00D15F

Inverse Universe

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



22171D



2B1A24



221718



121011



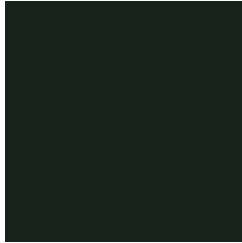
52002D



D10072

Previews

White Background



This preview shows how the Hex color 17221C looks on a white background.

Color Contrast Check

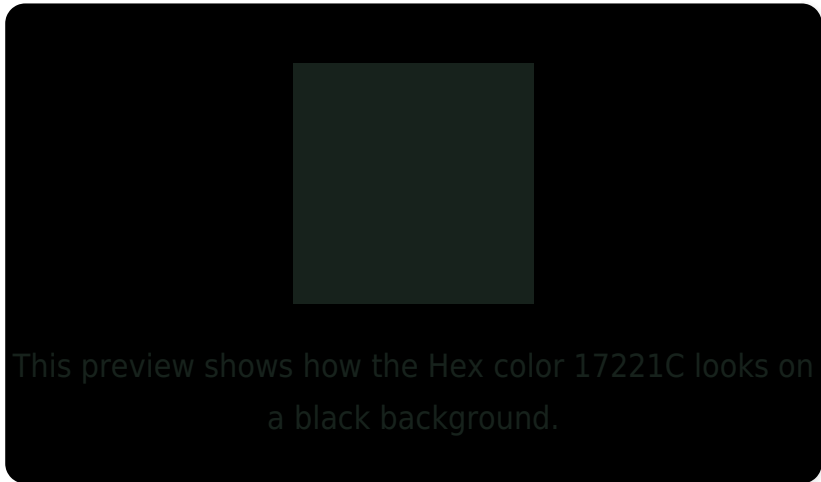
Large Text (above 18pt) WCAG AA ✓ Pass

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

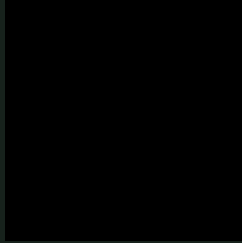
Any Text WCAG AA × Fail

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 17221C Background



This preview shows how black text looks on a background with the Hex color 17221C.



This preview shows how white text looks on a background with the Hex color 17221C.

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
17221C

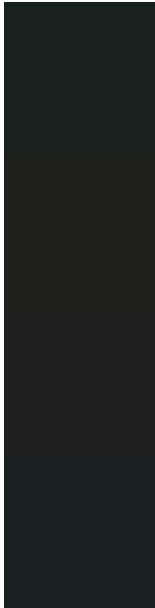
Protanopia
211F1B

Deuteranopia
241E1D



Tritanopia
192124

Trichromacy



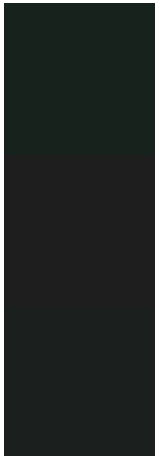
Original Color
17221C

Protanomaly
1D201B

Deuteranomaly
1F1F1D

Tritanomaly
182121

Monochromacy



Original Color
17221C

Achromatopsia
1E1E1E

Achromatomaly
1B1F1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 17221C 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 #17221C looks like.

```
.text, #text, p{  
  color:#17221C  
}
```

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 #17221C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17221C
}
```

Border

The CSS property to change the border of an element to Hex 17221C is called "border". The border property can be set on classes, ids or directly on the HTML element.

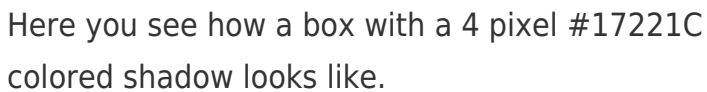
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17221C }
```

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

```
.border{ border-color:#17221C }
```

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



Here you see how a box with a 4 pixel #17221C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17221C; -webkit-box-shadow:4px 4px  
4px 4px #17221C; box-shadow:4px 4px 4px  
4px #17221C }
```

Background

The CSS property to change the background color of an element to Hex 17221C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17221C }
```

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

```
.background{ background-color:#17221C }
```

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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