

Converting Colors

Hex(221F1E)

Have a look what the booklet for
Hex(221F1E) contains.

Hex(221F1E)	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(221F1E)

Conversions

Conversions Part 1

Format	Color
Hex	221F1E
RGB	34, 31, 30
RGB Percent	13%, 12%, 12%
CMY	0.8667, 0.8784, 0.8824
CMYK	0.00, 0.09, 0.12, 0.87
HSL	15°, 6%, 13%
HSV	15°, 12%, 13%
XYZ	1.3840, 1.4138, 1.4282
YIQ	31.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

Format	Color
RYB	34, 31, 30
Decimal	2236190
CIELab	12.05, 1.20, 1.19
CIELCh	12, 1.689, 44.946
Yxy	1.4138, 0.3275, 0.3345
Android (android.graphics.Color)	4280426270 (0xFF221F1E)
YUV	31.7830, -0.8790, 1.9443
Hunter-Lab	11.8903, -0.0308, 1.2014

Details

The Hex color **221F1E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E2122**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4E4B4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **221C1B**, and if you desaturate by 10%, it is **222221**.

Distribution



Red (13%)

Green (12%)

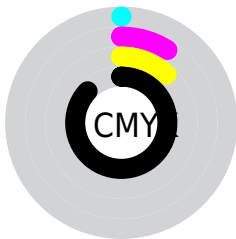
Blue (12%)



Red (13%)

Yellow (12%)

Blue (12%)



Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (87%)



Cyan (87%)

Magenta (88%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221F1E 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 221F1E by changing the saturation by 10% instead.



221F1E



221F1E

FFFFFF



0C0605



4E4B4A



000000



666361



7F7B7A



999594



B4B0AE



CFCBCA



ECE7E6



221F1E



221F1E

■ 221C1B

■ 222221

■ 221A17

■ 222425

■ 221714

■ 222728

■ 221510

■ 22292C

■ 22120D

■ 222C2F

■ 22100A

■ 222E32

■ 220D06

■ 223136

■ 220B03

■ 223339

■ 220900

■ 22363D

Harmonies

Analogous

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



221F1F



221F1E



211F1D

Triad

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



221F1E



1D201F



1F1F22

Complementary

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



221F1E



1E2122

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.



1E2022



221F1E



1D2020

Square

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



221F1E



1F201E



1D2021



211F21

Rectangle

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



221F1E



20201D



1D2021



1F2022

Sweetspot

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



221F1E



2B2A2A



221E21



171616



969696



171717

Same Dimension

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



221F1E



2B2725



22211E



121110



521400



D13400

Inverse Universe

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



1E2122



252A2B



1E1F22



101112



003D52



009DD1

Previews

White Background



This preview shows how the Hex color 221F1E looks on a white background.

Color Contrast Check

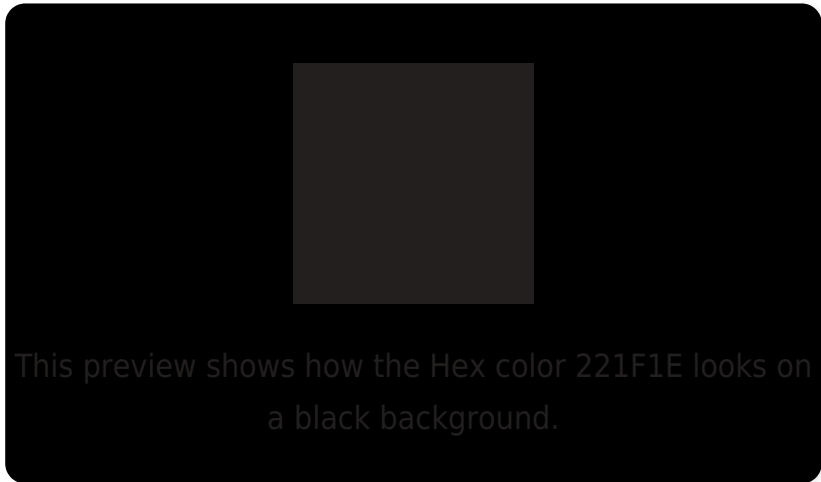
Large Text (above 18pt) WCAG AA ✓ Pass

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

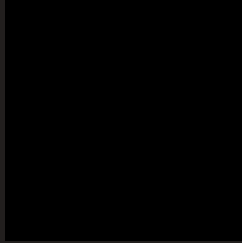
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

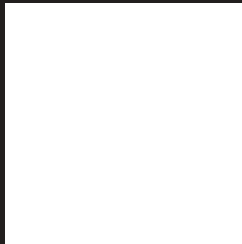
Any Text WCAG AAA × Fail

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

Hex 221F1E Background



This preview shows how black text looks on a background with the Hex color 221F1E.

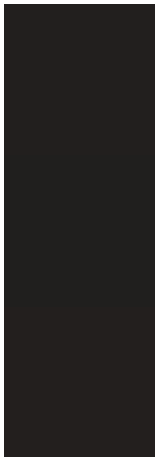


This preview shows how white text looks on a background with the Hex color 221F1E.

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
221F1E

Protanopia
201F1E

Deuteranopia
231F1E



Tritanopia
221F21

Trichromacy



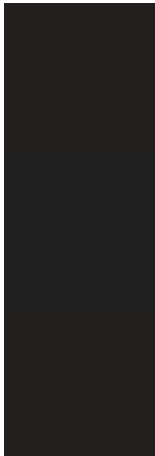
Original Color
221F1E

Protanomaly
211F1E

Deuteranomaly
231F1E

Tritanomaly
221F20

Monochromacy



Original Color
221F1E

Achromatopsia
202020

Achromatomaly
21201F

CSS Examples

Text

The CSS property to change the color of the text to Hex 221F1E 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 #221F1E looks like.

```
.text, #text, p{  
    color:#221F1E  
}
```

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 #221F1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221F1E
}
```

Border

The CSS property to change the border of an element to Hex 221F1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

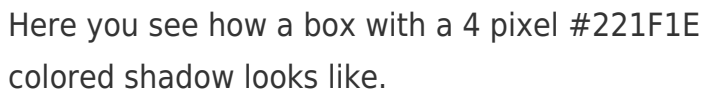
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221F1E }
```

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

```
.border{ border-color:#221F1E }
```

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



Here you see how a box with a 4 pixel #221F1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221F1E; -webkit-box-shadow:4px 4px  
4px 4px #221F1E; box-shadow:4px 4px 4px  
4px #221F1E }
```

Background

The CSS property to change the background color of an element to Hex 221F1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221F1E }
```

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

```
.background{ background-color:#221F1E }
```

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