

Converting Colors

Hex(221D1A)

Have a look what the booklet for
Hex(221D1A) contains.

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Color

Hex(221D1A)

Conversions

Conversions Part 1

Format	Color
Hex	221D1A
RGB	34, 29, 26
RGB Percent	13%, 11%, 10%
CMY	0.8667, 0.8863, 0.8980
CMYK	0.00, 0.15, 0.24, 0.87
HSL	22°, 13%, 12%
HSV	22°, 24%, 13%
XYZ	1.2855, 1.2934, 1.1592
YIQ	30.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

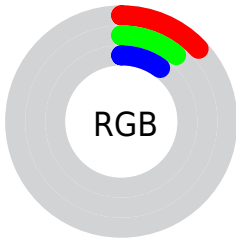
Format	Color
RYB	34, 31, 26
Decimal	2235674
CIELab	11.23, 1.76, 2.95
CIELCh	11, 3.435, 59.159
Yxy	1.2934, 0.3439, 0.3460
Android (android.graphics.Color)	4280425754 (0xFF221D1A)
YUV	30.1530, -2.0474, 3.3738
Hunter-Lab	11.3727, 0.2743, 1.9177

Details

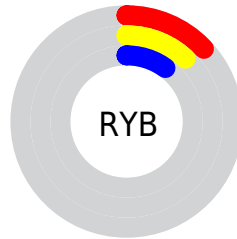
The Hex color **221D1A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A1F22**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4E4845**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **221B17**, and if you desaturate by 10%, it is **221F1D**.

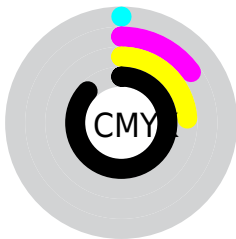
Distribution



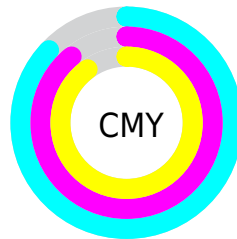
- Red (13%)
- Green (11%)
- Blue (10%)



- Red (13%)
- Yellow (12%)
- Blue (10%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (87%)



- Cyan (87%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221D1A 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 221D1A by changing the saturation by 10% instead.

■ 221D1A

■ 221D1A

FFFFFFD

■ 0B0300

■ 4E4845

■ 000000

■ 66605C

■ 7F7975

■ 99938F

■ B4ADA9

■ D0C8C4

■ ECE5E0

■ 221D1A

■ 221D1A

■ 221B17

■ 221F1D

■ 221913

■ 222121

■ 221710

■ 222324

■ 22150C

■ 222628

■ 221209

■ 22282B

■ 221006

■ 222A2E

■ 220E02

■ 222C32

■ 220D00

■ 222E35

■ 223039

Harmonies

Analogous

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



231C1C



221D1A



201E19

Triad

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



221D1A



191F1E



1E1D22

Complementary

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



221D1A



1A1F22

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.



1B1E23



221D1A



181F20

Square

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



221D1A



1B1F1B



191F22



211D20

Rectangle

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



221D1A



1E1E1A



191F22



1D1E22

Sweetspot

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



221D1A



2B2928



221A1F



171615



969696



171717

Same Dimension

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



221D1A



2B241F



22211A



121110



521F00



D14E00

Inverse Universe

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



1A1F22



1F272B



1A1B22



101112



003352



0083D1

Previews

White Background



This preview shows how the Hex color 221D1A looks on a white background.

Color Contrast Check

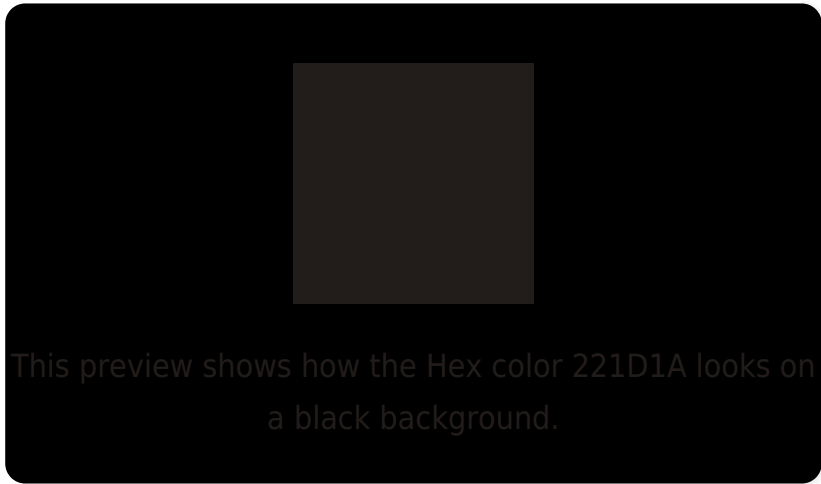
Large Text (above 18pt) WCAG AA ✓ Pass

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

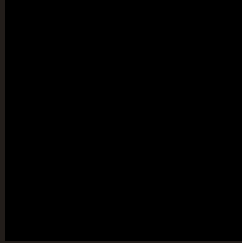
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

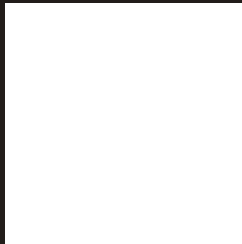
Any Text WCAG AAA × Fail

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

Hex 221D1A Background



This preview shows how black text looks on a background with the Hex color 221D1A.

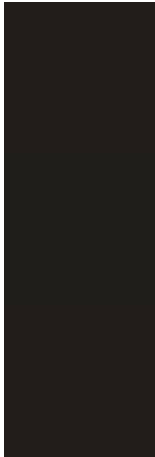


This preview shows how white text looks on a background with the Hex color 221D1A.

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
221D1A

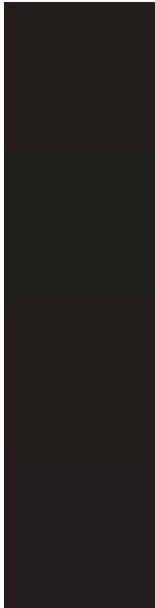
Protanopia
1F1E1A

Deuteranopia
221D1A



Tritanopia
231C1F

Trichromacy



Original Color

221D1A

Protanomaly

201E1A

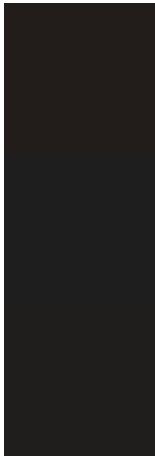
Deuteranomaly

221D1A

Tritanomaly

231C1D

Monochromacy



Original Color

221D1A

Achromatopsia

1E1E1E

Achromatomaly

1F1E1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 221D1A 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 #221D1A looks like.

```
.text, #text, p{  
    color:#221D1A  
}
```

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 #221D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221D1A
}
```

Border

The CSS property to change the border of an element to Hex 221D1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

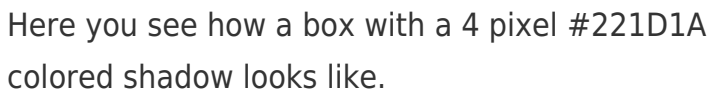
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221D1A }
```

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

```
.border{ border-color:#221D1A }
```

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



Here you see how a box with a 4 pixel #221D1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221D1A; -webkit-box-shadow:4px 4px  
4px 4px #221D1A; box-shadow:4px 4px 4px  
4px #221D1A }
```

Background

The CSS property to change the background color of an element to Hex 221D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221D1A }
```

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

```
.background{ background-color:#221D1A }
```

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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