

Converting Colors

Hex(221E0E)

Have a look what the booklet for
Hex(221E0E) contains.

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Color

Hex(221E0E)

Conversions

Conversions Part 1

Format	Color
Hex	221E0E
RGB	34, 30, 14
RGB Percent	13%, 12%, 5%
CMY	0.8667, 0.8824, 0.9451
CMYK	0.00, 0.12, 0.59, 0.87
HSL	48°, 42%, 9%
HSV	48°, 59%, 13%
XYZ	1.2032, 1.3003, 0.6030
YIQ	29.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

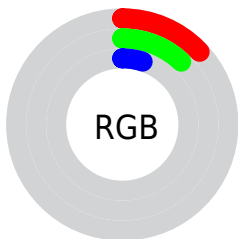
Format	Color
RYB	19, 34, 14
Decimal	2235918
CIELab	11.28, -1.05, 10.82
CIELCh	11, 10.869, 95.524
Yxy	1.3003, 0.3873, 0.4186
Android (android.graphics.Color)	4280425998 (0xFF221E0E)
YUV	29.3720, -7.5784, 4.0588
Hunter-Lab	11.4032, -1.1210, 4.8468

Details

The Hex color **221E0E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0E1222**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **4F4A39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **221D0B**, and if you desaturate by 10%, it is **221F11**.

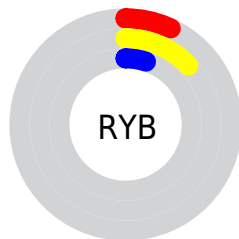
Distribution



Red (13%)

Green (12%)

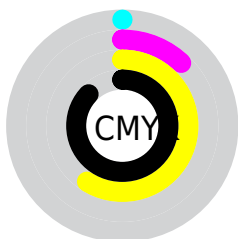
Blue (5%)



Red (7%)

Yellow (13%)

Blue (5%)

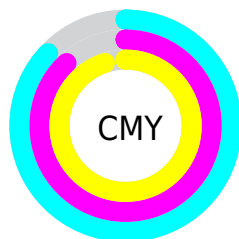


Cyan (0%)

Magenta (12%)

Yellow (59%)

Black (87%)



Cyan (87%)

Magenta (88%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221E0E 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 221E0E by changing the saturation by 10% instead.

■ 221E0E

■ 221E0E

■ FFFFEE

■ 040500

■ 4F4A39

■ 000000

■ 676150

■ 807A68

■ 9A9481

■ B5AE9B

■ D1CAB6

■ EDE6D1

■ 221E0E

■ 221E0E

■ 221D0B

■ 221F11

■ 221D07

■ 221F15

■ 221C04

■ 222018

■ 221B00

■ 22211C

■ 22211F

■ 222222

■ 222326

■ 222329

■ 22242D

Harmonies

Analogous

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



281B10



221E0E



1A2011

Triad

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



221E0E



052226



291924

Complementary

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



221E0E



0E1222

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.



211C2A



221E0E



0A202B

Square

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



221E0E



08221F



161E2D



2C181D

Rectangle

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



221E0E



142115



161E2D



261A27

Sweetspot

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



221E0E



2B2A24



220E12



171612



969696



171717

Same Dimension

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



221E0E



2B250D



1C220E



121110



524100



D1A700

Inverse Universe

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



0E1222



0D132B



140E22



101012



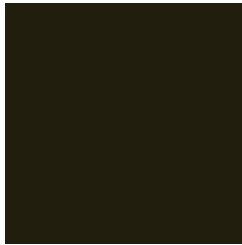
001052



002AD1

Previews

White Background



This preview shows how the Hex color 221E0E 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 221E0E Background



This preview shows how black text looks on a background with the Hex color 221E0E.

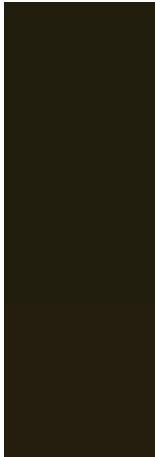


This preview shows how white text looks on a background with the Hex color 221E0E.

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
221E0E

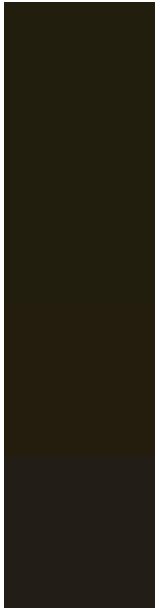
Protanopia
211E0E

Deuteranopia
251D0E



Tritanopia
231C1E

Trichromacy



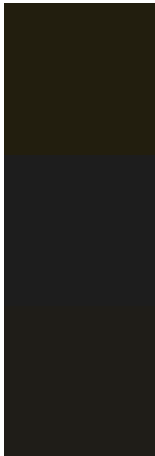
Original Color
221E0E

Protanomaly
211E0E

Deuteranomaly
241D0E

Tritanomaly
231D18

Monochromacy



Original Color
221E0E

Achromatopsia
1D1D1D

Achromatomaly
1F1D18

CSS Examples

Text

The CSS property to change the color of the text to Hex 221E0E 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 #221E0E looks like.

```
.text, #text, p{  
    color:#221E0E  
}
```

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 #221E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221E0E
}
```

Border

The CSS property to change the border of an element to Hex 221E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

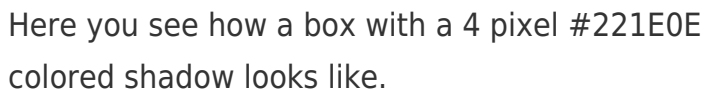
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221E0E }
```

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

```
.border{ border-color:#221E0E }
```

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



Here you see how a box with a 4 pixel #221E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221E0E; -webkit-box-shadow:4px 4px  
4px 4px #221E0E; box-shadow:4px 4px 4px  
4px #221E0E }
```

Background

The CSS property to change the background color of an element to Hex 221E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221E0E }
```

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

```
.background{ background-color:#221E0E }
```

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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