

Converting Colors

Hex(221E1D)

Have a look what the booklet for
Hex(221E1D) contains.

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Color

Hex(221E1D)

Conversions

Conversions Part 1

Format	Color
Hex	221E1D
RGB	34, 30, 29
RGB Percent	13%, 12%, 11%
CMY	0.8667, 0.8824, 0.8863
CMYK	0.00, 0.12, 0.15, 0.87
HSL	12°, 8%, 12%
HSV	12°, 15%, 13%
XYZ	1.3457, 1.3573, 1.3535
YIQ	31.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

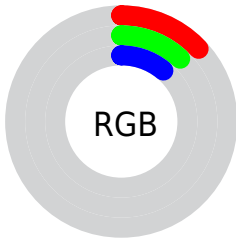
Format	Color
RYB	34, 30, 29
Decimal	2235933
CIELab	11.67, 1.69, 1.38
CIElCh	12, 2.181, 39.203
Yxy	1.3573, 0.3317, 0.3346
Android (android.graphics.Color)	4280426013 (0xFF221E1D)
YUV	31.0820, -1.0264, 2.5591
Hunter-Lab	11.6505, 0.2300, 1.2675

Details

The Hex color **221E1D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D2122**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **4E4A48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **221B1A**, and if you desaturate by 10%, it is **222120**.

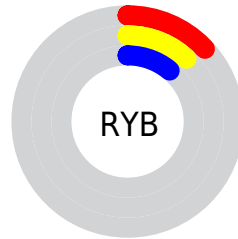
Distribution



Red (13%)

Green (12%)

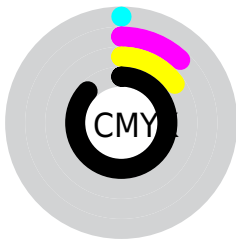
Blue (11%)



Red (13%)

Yellow (12%)

Blue (11%)

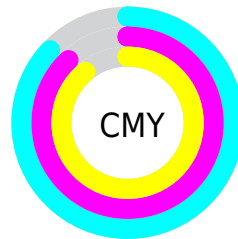


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (87%)



Cyan (87%)

Magenta (88%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221E1D 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 221E1D by changing the saturation by 10% instead.

■ 221E1D

■ 221E1D

FFFFFF

■ 0C0503

■ 4E4A48

■ 000000

■ 666160

■ 7F7A79

■ 999493

■ B4AEAD

■ CFCAC8

■ ECE6E4

■ 221E1D

■ 221E1D

■ 221B1A

■ 222120

■ 221916

■ 222324

■ 221613

■ 222627

■ 22130F

■ 22292B

■ 22100C

■ 222C2E

■ 220E09

■ 222E31

■ 220B05

■ 223135

■ 220802

■ 223438

■ 220700

■ 22363C

Harmonies

Analogous

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



221E1E



221E1D



211E1C

Triad

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



221E1D



1C201E



1E1F22

Complementary

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



221E1D



1D2122

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.



1C1F22



221E1D



1B201F

Square

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



221E1D



1E1F1C



1B2021



201E21

Rectangle

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



221E1D



201F1C



1B2021



1D1F22

Sweetspot

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



221E1D



2B2A2A



221D21



171616



969696



171717

Same Dimension

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



221E1D



2B2524



22211D



121010



521000



D12A00

Inverse Universe

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



1D2122



242A2B



1D1E22



101112



004152



00A7D1

Previews

White Background



This preview shows how the Hex color 221E1D 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

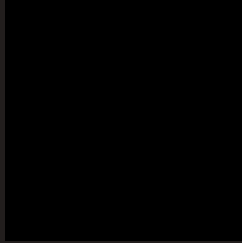
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

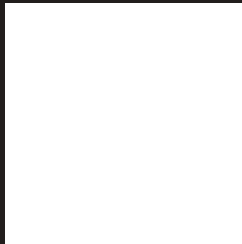
Any Text WCAG AAA × Fail

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

Hex 221E1D Background



This preview shows how black text looks on a background with the Hex color 221E1D.

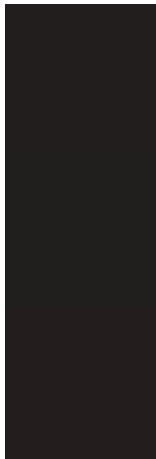


This preview shows how white text looks on a background with the Hex color 221E1D.

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

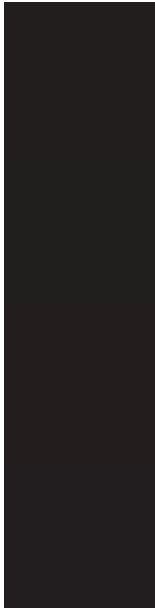


Original Color
221E1D

Protanopia
201F1D

Deuteranopia
231E1D

Trichromacy



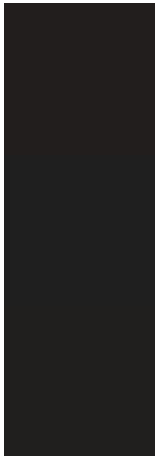
Original Color
221E1D

Protanomaly
211F1D

Deuteranomaly
231E1D

Tritanomaly
221E1F

Monochromacy



Original Color
221E1D

Achromatopsia
1F1F1F

Achromatomaly
201F1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 221E1D 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 #221E1D looks like.

```
.text, #text, p{  
    color:#221E1D  
}
```

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 #221E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221E1D
}
```

Border

The CSS property to change the border of an element to Hex 221E1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

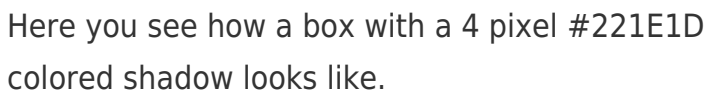
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221E1D }
```

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

```
.border{ border-color:#221E1D }
```

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



Here you see how a box with a 4 pixel #221E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221E1D; -webkit-box-shadow:4px 4px  
4px 4px #221E1D; box-shadow:4px 4px 4px  
4px #221E1D }
```

Background

The CSS property to change the background color of an element to Hex 221E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221E1D }
```

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

```
.background{ background-color:#221E1D }
```

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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