

Converting Colors

Hex(221E2B)

Have a look what the booklet for
Hex(221E2B) contains.

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Color

Hex(221E2B)

Conversions

Conversions Part 1

Format	Color
Hex	221E2B
RGB	34, 30, 43
RGB Percent	13%, 12%, 17%
CMY	0.8667, 0.8824, 0.8314
CMYK	0.21, 0.30, 0.00, 0.83
HSL	258°, 18%, 14%
HSV	258°, 30%, 17%
XYZ	1.5600, 1.4430, 2.4818
YIQ	32.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

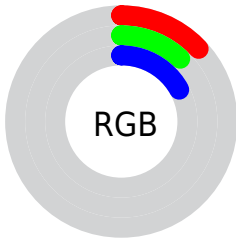
Format	Color
RYB	34, 30, 43
Decimal	2235947
CIELab	12.24, 5.34, -8.01
CIELCh	12, 9.629, 303.661
Yxy	1.4430, 0.2844, 0.2631
Android (android.graphics.Color)	4280426027 (0xFF221E2B)
YUV	32.6780, 5.0887, 1.1594
Hunter-Lab	12.0127, 2.1584, -3.8404

Details

The Hex color **221E2B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **272B1E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4E4A58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F1A2B**, and if you desaturate by 10%, it is **25222B**.

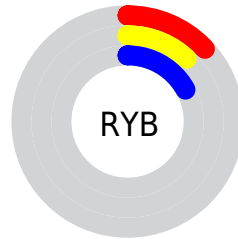
Distribution



Red (13%)

Green (12%)

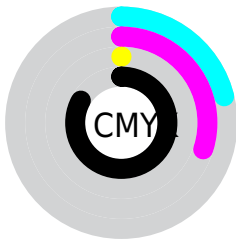
Blue (17%)



Red (13%)

Yellow (12%)

Blue (17%)

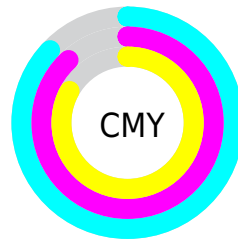


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (83%)



Cyan (87%)

Magenta (88%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221E2B 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 221E2B by changing the saturation by 10% instead.

■ 221E2B

■ 221E2B

FFFFFF

■ 0D0517

■ 4E4A58

■ 000000

■ 666171

■ 807A8A

■ 9A94A5

■ B4AFC0

■ D0CADC

■ ECE6F8

■ 221E2B

■ 221E2B

■ 1F1A2B

■ 25222B

■ 1C152B

■ 28272B

■ 19112B

■ 2B2B2B

■ 160D2B

■ 2E2F2B

■ 13082B

■ 31342B

■ 10042B

■ 34382B

■ 0D002B

■ 373C2B

■ 3A402B

■ 3D452B

Harmonies

Analogous

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



19202D



221E2B



291C26

Triad

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



221E2B



2A1E14



0E2421

Complementary

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



221E2B



272B1E

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.



15231A



221E2B



242013

Square

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



221E2B



2D1C19



1D2215



0B2327

Rectangle

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



221E2B



2C1B22



1D2215



10241E

Sweetspot

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



221E2B



353338



1E272B



1A191C



9C9C9C



1C1C1C

Same Dimension

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



221E2B



2A2438



281E2B



131214



1A0054



4100D4

Inverse Universe

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



2B1E27



382432



212B1E



141214



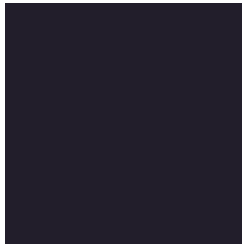
54003A



D40093

Previews

White Background



This preview shows how the Hex color 221E2B looks on a white background.

Color Contrast Check

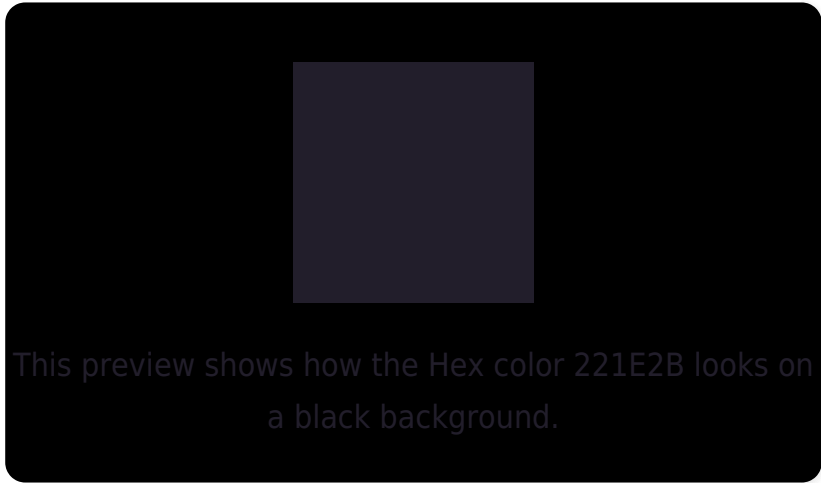
Large Text (above 18pt) WCAG AA ✓ Pass

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

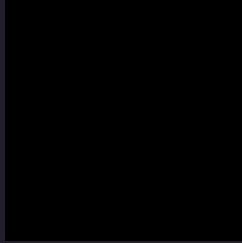
Any Text WCAG AA × Fail

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 221E2B Background



This preview shows how black text looks on a background with the Hex color 221E2B.



This preview shows how white text looks on a background with the Hex color 221E2B.

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
221E2B

Protanopia
1C202C

Deuteranopia
1D202B

Trichromacy



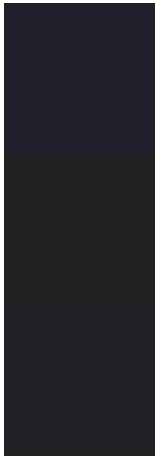
Original Color
221E2B

Protanomaly
1E1F2C

Deuteranomaly
1F1F2B

Tritanomaly
211F25

Monochromacy



Original Color
221E2B

Achromatopsia
212121

Achromatomaly
212025

CSS Examples

Text

The CSS property to change the color of the text to Hex 221E2B 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 #221E2B looks like.

```
.text, #text, p{  
    color:#221E2B  
}
```

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 #221E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221E2B
}
```

Border

The CSS property to change the border of an element to Hex 221E2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

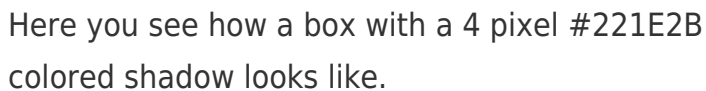
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221E2B }
```

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

```
.border{ border-color:#221E2B }
```

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



Here you see how a box with a 4 pixel #221E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221E2B; -webkit-box-shadow:4px 4px  
4px 4px #221E2B; box-shadow:4px 4px 4px  
4px #221E2B }
```

Background

The CSS property to change the background color of an element to Hex 221E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221E2B }
```

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

```
.background{ background-color:#221E2B }
```

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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