

Converting Colors

Hex(221E24)

Have a look what the booklet for
Hex(221E24) contains.

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Color

Hex(221E24)

Conversions

Conversions Part 1

Format	Color
Hex	221E24
RGB	34, 30, 36
RGB Percent	13%, 12%, 14%
CMY	0.8667, 0.8824, 0.8588
CMYK	0.06, 0.17, 0.00, 0.86
HSL	280°, 9%, 13%
HSV	280°, 17%, 14%
XYZ	1.4424, 1.3960, 1.8625
YIQ	31.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

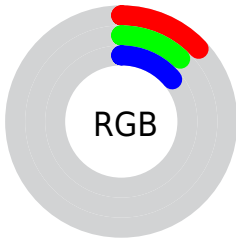
Format	Color
RYB	34, 30, 36
Decimal	2235940
CIELab	11.93, 3.40, -3.37
CIELCh	12, 4.789, 315.193
Yxy	1.3960, 0.3068, 0.2970
Android (android.graphics.Color)	4280426020 (0xFF221E24)
YUV	31.8800, 2.0312, 1.8592
Hunter-Lab	11.8153, 1.1145, -1.0755

Details

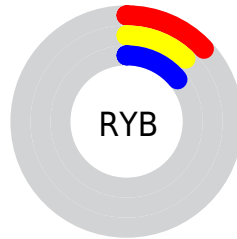
The Hex color **221E24** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20241E**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4E4A50**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211A24**, and if you desaturate by 10%, it is **232224**.

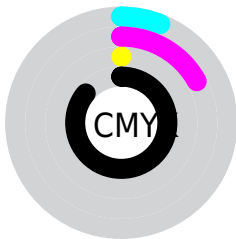
Distribution



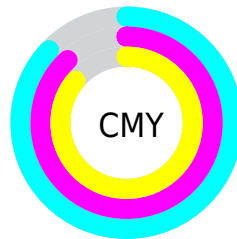
- Red (13%)
- Green (12%)
- Blue (14%)



- Red (13%)
- Yellow (12%)
- Blue (14%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (86%)



- Cyan (87%)
- Magenta (88%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221E24 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 221E24 by changing the saturation by 10% instead.

■ 221E24

■ 221E24

FFFFFF

■ 0C050F

■ 4E4A50

■ 000000

■ 666168

■ 7F7A82

■ 99949C

■ B4AFB6

■ CFCAD2

■ ECE6EE

■ 221E24

■ 221E24

■ 211A24

■ 232224

■ 201724

■ 242524

■ 1E1324

■ 262924

■ 1D1024

■ 272C24

■ 1C0C24

■ 283024

■ 1B0824

■ 293424

■ 1A0524

■ 2A3724

■ 180124

■ 2C3B24

■ 180024

■ 2D3E24

Harmonies

Analogous

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



1E1F26



221E24



251D21

Triad

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



221E24



241F19



172121

Complementary

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



221E24



20241E

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.



19211E



221E24



202019

Square

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



221E24



261E1B



1C211B



172124

Rectangle

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



221E24



261D1F



1C211B



172120

Sweetspot

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



221E24



2D2C2E



1E2024



161617



969696



171717

Same Dimension

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



221E24



2B252E



241E23



111012



360052



8B00D1

Inverse Universe

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



241E20



2E2528



1E241F



121011



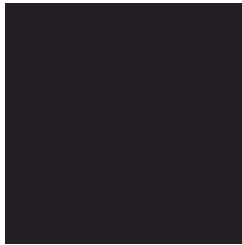
52001B



D10046

Previews

White Background



This preview shows how the Hex color 221E24 looks on a white background.

Color Contrast Check

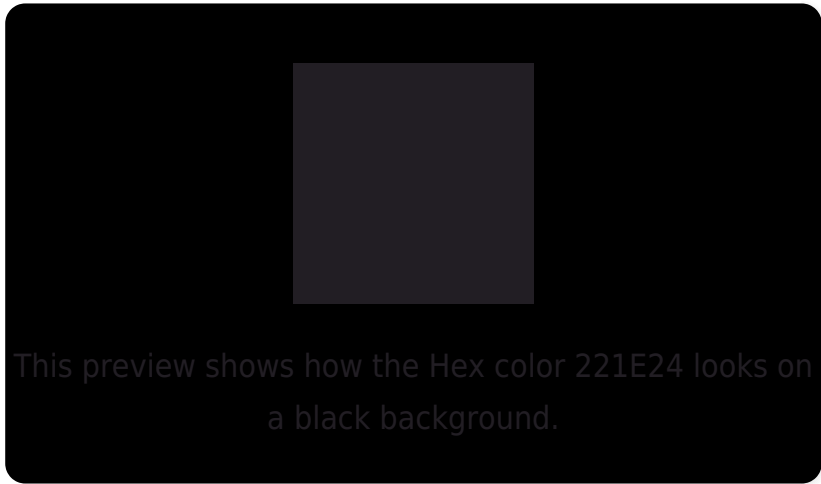
Large Text (above 18pt) WCAG AA ✓ Pass

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

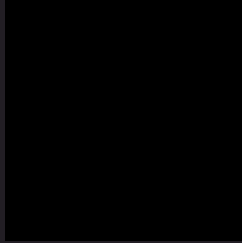
Any Text WCAG AA × Fail

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 221E24 Background



This preview shows how black text looks on a background with the Hex color 221E24.

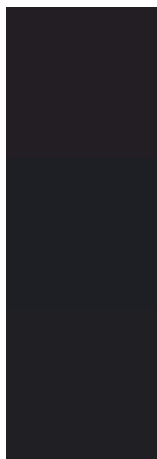


This preview shows how white text looks on a background with the Hex color 221E24.

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

221E24

Protanopia

1E1F25

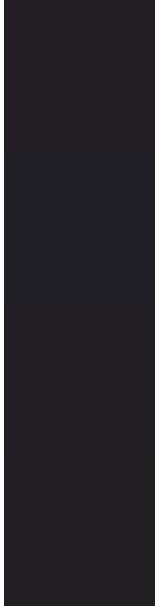
Deuteranopia

201F24



Tritanopia
221F21

Trichromacy



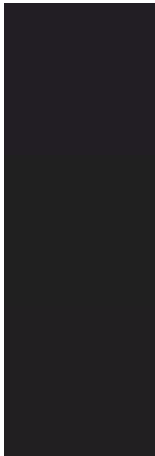
Original Color
221E24

Protanomaly
1F1F25

Deuteranomaly
211F24

Tritanomaly
221F22

Monochromacy



Original Color
221E24

Achromatopsia
202020

Achromatomaly
211F21

CSS Examples

Text

The CSS property to change the color of the text to Hex 221E24 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 #221E24 looks like.

```
.text, #text, p{  
    color:#221E24  
}
```

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 #221E24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221E24
}
```

Border

The CSS property to change the border of an element to Hex 221E24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

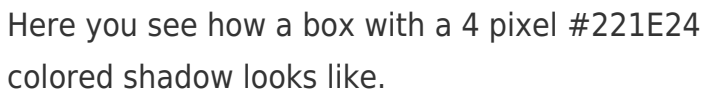
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221E24 }
```

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

```
.border{ border-color:#221E24 }
```

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



Here you see how a box with a 4 pixel #221E24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221E24; -webkit-box-shadow:4px 4px  
4px 4px #221E24; box-shadow:4px 4px 4px  
4px #221E24 }
```

Background

The CSS property to change the background color of an element to Hex 221E24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221E24 }
```

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

```
.background{ background-color:#221E24 }
```

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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