

Converting Colors

Hex(222B1F)

Have a look what the booklet for
Hex(222B1F) contains.

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Color

Hex(222B1F)

Conversions

Conversions Part 1

Format	Color
Hex	222B1F
RGB	34, 43, 31
RGB Percent	13%, 17%, 12%
CMY	0.8667, 0.8314, 0.8784
CMYK	0.21, 0.00, 0.28, 0.83
HSL	105°, 16%, 15%
HSV	105°, 28%, 17%
XYZ	1.7709, 2.1668, 1.6212
YIQ	38.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

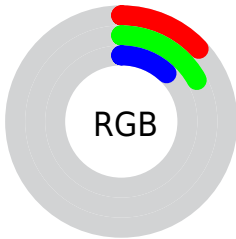
Format	Color
RYB	31, 43, 40
Decimal	2239263
CIELab	16.34, -6.84, 6.55
CIELCh	16, 9.474, 136.224
Yxy	2.1668, 0.3186, 0.3898
Android (android.graphics.Color)	4280429343 (0xFF222B1F)
YUV	38.9410, -3.9149, -4.3333
Hunter-Lab	14.7199, -4.2854, 3.7739

Details

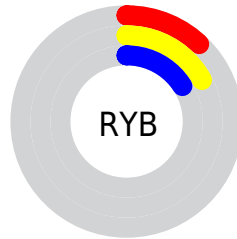
The Hex color **222B1F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **281F2B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4E584B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F2B1B**, and if you desaturate by 10%, it is **252B23**.

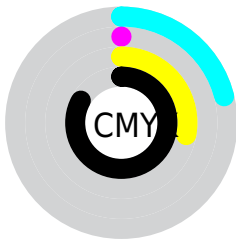
Distribution



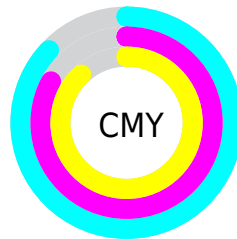
- Red (13%)
- Green (17%)
- Blue (12%)



- Red (12%)
- Yellow (17%)
- Blue (16%)



- Cyan (21%)
- Magenta (0%)
- Yellow (28%)
- Black (83%)



- Cyan (87%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222B1F 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 222B1F by changing the saturation by 10% instead.



222B1F



222B1F

FFFFFF



0D1707



4E584B



000000



667163



808A7C



99A595



B4C0B0



D0DCCB



ECF8E8



222B1F



222B1F

■ 1F2B1B

■ 252B23

■ 1C2B16

■ 282B28

■ 182B12

■ 2C2B2C

■ 152B0E

■ 2F2B30

■ 122B09

■ 322B35

■ 0F2B05

■ 352B39

■ 0B2B01

■ 392B3D

■ 0B2B00

■ 3C2B41

■ 3F2B46

Harmonies

Analogous

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



2A291B



222B1F



1B2C25

Triad

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



222B1F



1C2A35



362425

Complementary

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



222B1F



281F2B

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.



34242C



222B1F



252835

Square

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



222B1F



162C32



2E2632



35251F

Rectangle

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



222B1F



172C2A



2E2632



362427

Sweetspot

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



222B1F



353834



2B281F



1A1C19



9C9C9C



1C1C1C

Same Dimension

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



222B1F



2A3826



1F2B22



131412



155400



35D400

Inverse Universe

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



281F2B



332638



2B1F28



141214



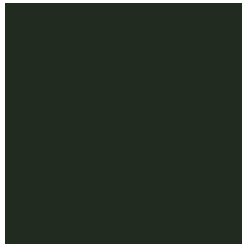
3F0054



9F00D4

Previews

White Background



This preview shows how the Hex color 222B1F looks on a white background.

Color Contrast Check

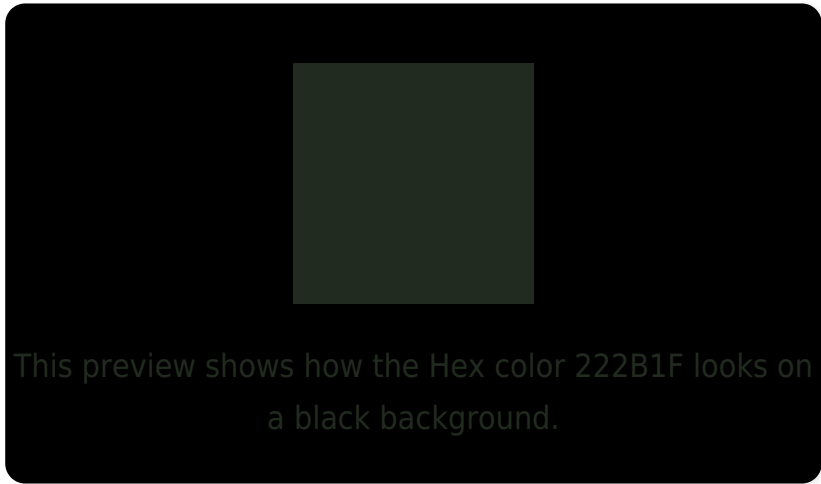
Large Text (above 18pt) WCAG AA ✓ Pass

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

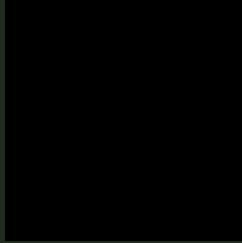
Any Text WCAG AA × Fail

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 222B1F Background



This preview shows how black text looks on a background with the Hex color 222B1F.

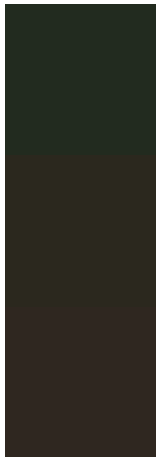


This preview shows how white text looks on a background with the Hex color 222B1F.

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
222B1F

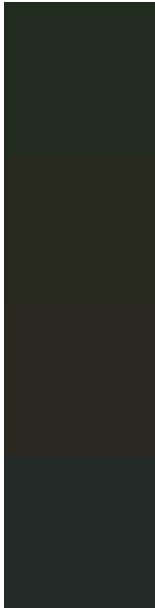
Protanopia
2B281E

Deuteranopia
2F2720



Tritanopia
24292D

Trichromacy



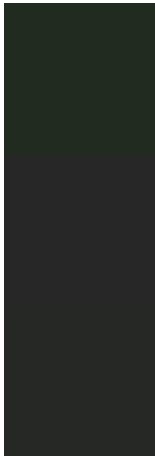
Original Color
222B1F

Protanomaly
28291E

Deuteranomaly
2A2820

Tritanomaly
232A28

Monochromacy



Original Color
222B1F

Achromatopsia
272727

Achromatomaly
252824

CSS Examples

Text

The CSS property to change the color of the text to Hex 222B1F 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 #222B1F looks like.

```
.text, #text, p{  
    color:#222B1F  
}
```

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 #222B1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222B1F
}
```

Border

The CSS property to change the border of an element to Hex 222B1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

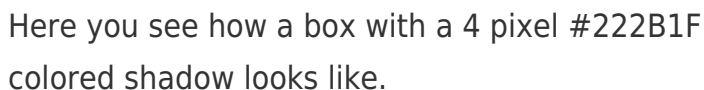
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222B1F }
```

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

```
.border{ border-color:#222B1F }
```

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



Here you see how a box with a 4 pixel #222B1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222B1F; -webkit-box-shadow:4px 4px  
4px 4px #222B1F; box-shadow:4px 4px 4px  
4px #222B1F }
```

Background

The CSS property to change the background color of an element to Hex 222B1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222B1F }
```

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

```
.background{ background-color:#222B1F }
```

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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