

Converting Colors

Hex(220A1F)

Have a look what the booklet for
Hex(220A1F) contains.

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Color

Hex(220A1F)

Conversions

Conversions Part 1

Format	Color
Hex	220A1F
RGB	34, 10, 31
RGB Percent	13%, 4%, 12%
CMY	0.8667, 0.9608, 0.8784
CMYK	0.00, 0.71, 0.09, 0.87
HSL	308°, 55%, 9%
HSV	308°, 71%, 13%
XYZ	1.0156, 0.6561, 1.3694
YIQ	19.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

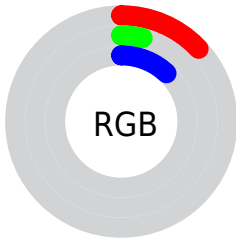
Format	Color
R_{YB}	34, 10, 31
Decimal	2230815
CIE Lab	5.93, 15.62, -8.71
CIE LCh	6, 17.879, 330.857
Yxy	0.6561, 0.3339, 0.2157
Android (android.graphics.Color)	4280420895 (0xFF220A1F)
YUV	19.5700, 5.6350, 12.6551
Hunter-Lab	8.1000, 8.2049, -4.3540

Details

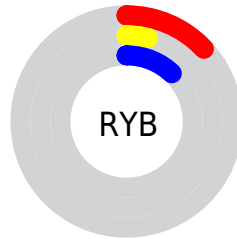
The Hex color **220A1F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A220D**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **4F354B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **22071F**, and if you desaturate by 10%, it is **220D1F**.

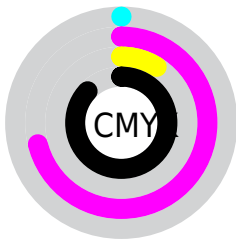
Distribution



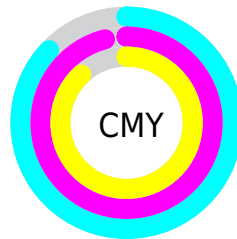
- Red (13%)
- Green (4%)
- Blue (12%)



- Red (13%)
- Yellow (4%)
- Blue (12%)



- Cyan (0%)
- Magenta (71%)
- Yellow (9%)
- Black (87%)



- Cyan (87%)
- Magenta (96%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220A1F 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 220A1F by changing the saturation by 10% instead.

■ 220A1F

■ 220A1F

■ FFEAFF

■ 000004

■ 4F354B

■ 000000

■ 674C63

■ 80647C

■ 9B7D95

■ B697B0

■ D1B2CC

■ EECEE8

■ 220A1F

■ 220A1F

■ 22071F

■ 220D1F

■ 22031E

■ 221120

■ 22001E

■ 221420

■ 221821

■ 221B21

■ 221E22

■ 222222

■ 222522

■ 222923

Harmonies

Analogous

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



140F27



220A1F



280713

Triad

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



220A1F



191300



001A1F

Complementary

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



220A1F



0A220D

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.



001B13



220A1F



091700

Square

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



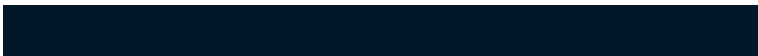
220A1F



230D00



001900



001828

Rectangle

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



220A1F



290807



001900



001B1B

Sweetspot

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



220A1F



2B222A



0D0A22



171116



969696



171717

Same Dimension

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



220A1F



2B0727



220A13



121012



520047



D100B7

Inverse Universe

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



220A1F



2B0727



0A2219



121012



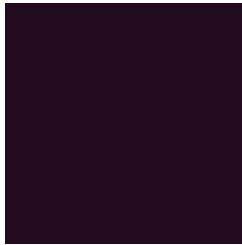
520047



D100B7

Previews

White Background



This preview shows how the Hex color 220A1F looks on a white background.

Color Contrast Check

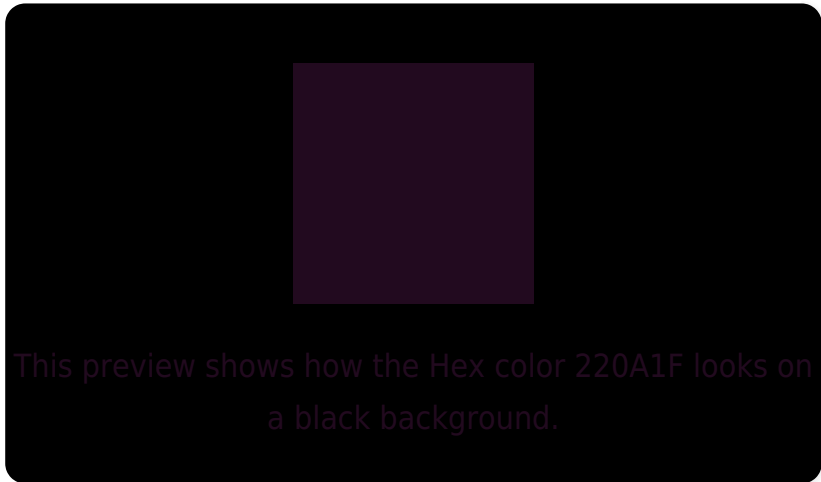
Large Text (above 18pt) WCAG AA ✓ Pass

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

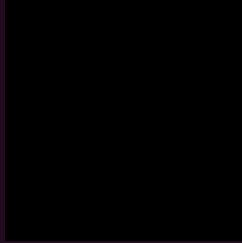
Any Text WCAG AA × Fail

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 220A1F Background



This preview shows how black text looks on a background with the Hex color 220A1F.



This preview shows how white text looks on a background with the Hex color 220A1F.

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](#).

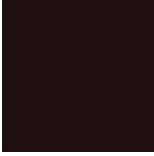
Dichromacy



Original Color
220A1F

Protanopia
091428

Deuteranopia
11141D



Tritanopia
200F10

Trichromacy



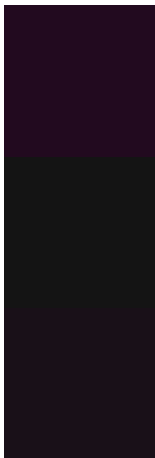
Original Color
220A1F

Protanomaly
121025

Deuteranomaly
17101E

Tritanomaly
210D15

Monochromacy



Original Color
220A1F

Achromatopsia
141414

Achromatomaly
191018

CSS Examples

Text

The CSS property to change the color of the text to Hex 220A1F 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 #220A1F looks like.

```
.text, #text, p{  
    color:#220A1F  
}
```

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 #220A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220A1F  
}
```

Border

The CSS property to change the border of an element to Hex 220A1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

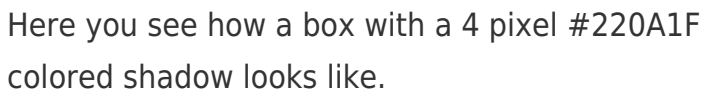
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#220A1F }
```

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

```
.border{ border-color:#220A1F }
```

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



Here you see how a box with a 4 pixel #220A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220A1F; -webkit-box-shadow:4px 4px  
4px 4px #220A1F; box-shadow:4px 4px 4px  
4px #220A1F }
```

Background

The CSS property to change the background color of an element to Hex 220A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220A1F }
```

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

```
.background{ background-color:#220A1F }
```

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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