

Converting Colors

Hex(220A2C)

Have a look what the booklet for
Hex(220A2C) contains.

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Color

Hex(220A2C)

Conversions

Conversions Part 1

Format	Color
Hex	220A2C
RGB	34, 10, 44
RGB Percent	13%, 4%, 17%
CMY	0.8667, 0.9608, 0.8275
CMYK	0.23, 0.77, 0.00, 0.83
HSL	282°, 63%, 11%
HSV	282°, 77%, 17%
XYZ	1.2229, 0.7390, 2.4611
YIQ	21.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

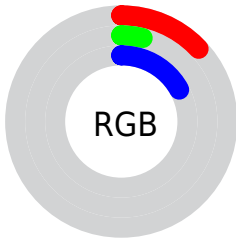
Format	Color
RYB	34, 10, 44
Decimal	2230828
CIELab	6.68, 19.42, -17.45
CIELCh	7, 26.111, 318.057
Yxy	0.7390, 0.2765, 0.1671
Android (android.graphics.Color)	4280420908 (0xFF220A2C)
YUV	21.0520, 11.3134, 11.3554
Hunter-Lab	8.5966, 10.3473, -10.9562

Details

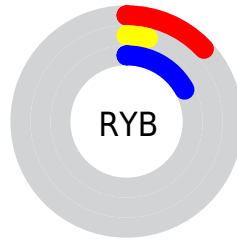
The Hex color **220A2C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **142C0A**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **50355A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21062C**, and if you desaturate by 10%, it is **230E2C**.

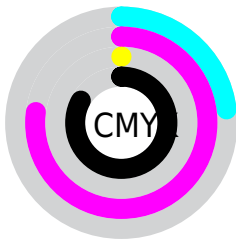
Distribution



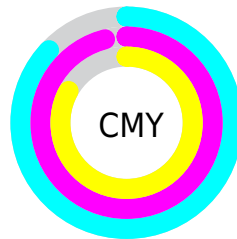
- Red (13%)
- Green (4%)
- Blue (17%)



- Red (13%)
- Yellow (4%)
- Blue (17%)



- Cyan (23%)
- Magenta (77%)
- Yellow (0%)
- Black (83%)



- Cyan (87%)
- Magenta (96%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220A2C 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 220A2C by changing the saturation by 10% instead.

■ 220A2C

■ 220A2C

■ FFEAFF

■ 000017

■ 50355A

■ 000000

■ 684C72

■ 82648C

■ 9C7DA7

■ B797C2

■ D3B2DE

■ EFCEFA

■ 220A2C

■ 220A2C

■ 21062C

■ 230E2C

■ 1F012C

■ 25132C

■ 1F002C

■ 26172C

■ 271C2C

■ 28202C

■ 2A242C

■ 2B292C

■ 2C2D2C

■ 2E322C

Harmonies

Analogous

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



001336



220A2C



2F021D

Triad

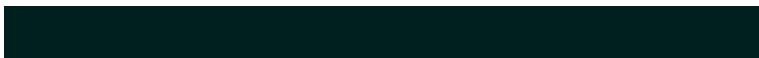
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220A2C



221100



001F1F

Complementary

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



220A2C



142C0A

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.



001E0A



220A2C



101800

Square

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



220A2C



2D0900



001C00



001D2E

Rectangle

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



220A2C



320110



001C00



001F19

Sweetspot

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



220A2C



342B38



0A142C



1A141C



9C9C9C



1C1C1C

Same Dimension

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



220A2C



290438



2C0A25



161517



3D0057



9700D6

Inverse Universe

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



2C0A14



380413



0A2C11



171515



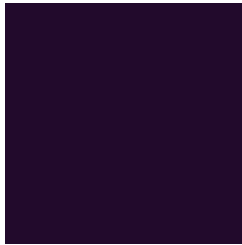
570019



D6003F

Previews

White Background



This preview shows how the Hex color 220A2C looks on a white background.

Color Contrast Check

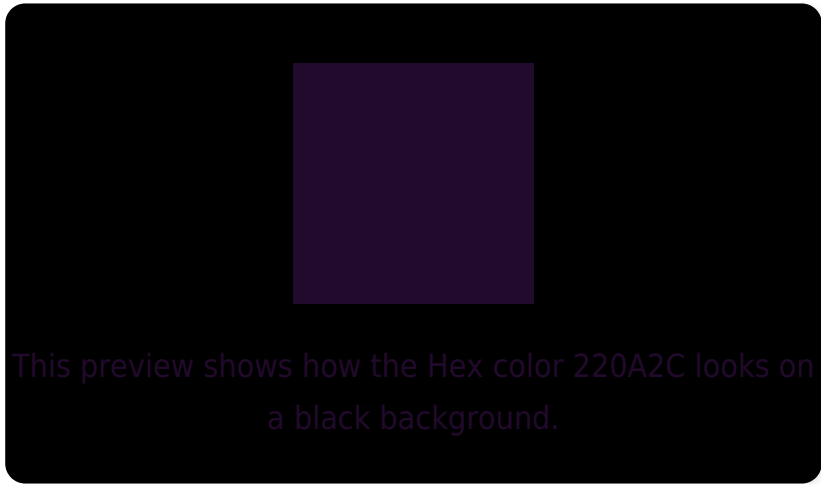
Large Text (above 18pt) WCAG AA ✓ Pass

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

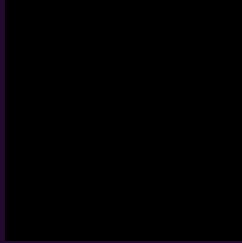
Any Text WCAG AA × Fail

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 220A2C Background



This preview shows how black text looks on a background with the Hex color 220A2C.



This preview shows how white text looks on a background with the Hex color 220A2C.

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
220A2C

Protanopia
00162E

Deuteranopia
001728



Tritanopia
1E1315

Trichromacy



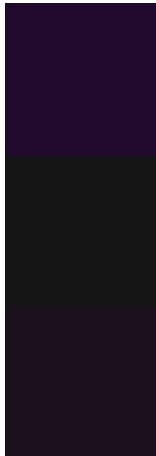
Original Color
220A2C

Protanomaly
0C122D

Deuteranomaly
0C1229

Tritanomaly
1F101D

Monochromacy



Original Color
220A2C

Achromatopsia
151515

Achromatomaly
1A111D

CSS Examples

Text

The CSS property to change the color of the text to Hex 220A2C 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 #220A2C looks like.

```
.text, #text, p{  
    color:#220A2C  
}
```

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 #220A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220A2C
}
```

Border

The CSS property to change the border of an element to Hex 220A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

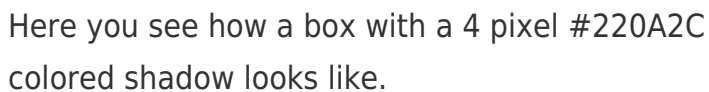
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220A2C }
```

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

```
.border{ border-color:#220A2C }
```

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



Here you see how a box with a 4 pixel #220A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220A2C; -webkit-box-shadow:4px 4px  
4px 4px #220A2C; box-shadow:4px 4px 4px  
4px #220A2C }
```

Background

The CSS property to change the background color of an element to Hex 220A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220A2C }
```

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

```
.background{ background-color:#220A2C }
```

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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