

Converting Colors

Hex(221822)

Have a look what the booklet for
Hex(221822) contains.

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Color

Hex(221822)

Conversions

Conversions Part 1

Format	Color
Hex	221822
RGB	34, 24, 34
RGB Percent	13%, 9%, 13%
CMY	0.8667, 0.9059, 0.8667
CMYK	0.00, 0.29, 0.00, 0.87
HSL	300°, 17%, 11%
HSV	300°, 29%, 13%
XYZ	1.2751, 1.1088, 1.6602
YIQ	28.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

Format	Color
RYB	34, 24, 34
Decimal	2234402
CIELab	9.87, 7.31, -5.00
CIELCh	10, 8.853, 325.646
Yxy	1.1088, 0.3153, 0.2742
Android (android.graphics.Color)	4280424482 (0xFF221822)
YUV	28.1300, 2.8939, 5.1480
Hunter-Lab	10.5302, 3.1861, -1.9766

Details

The Hex color **221822** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **182218**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4E434E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **221522**, and if you desaturate by 10%, it is **221B22**.

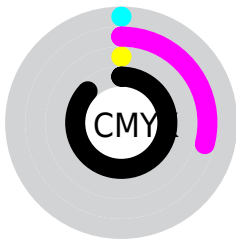
Distribution



- Red (13%)
- Green (9%)
- Blue (13%)



- Red (13%)
- Yellow (9%)
- Blue (13%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (87%)



- Cyan (87%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221822 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 221822 by changing the saturation by 10% instead.

■ 221822

■ 221822

■ FFFAFF

■ 0C000C

■ 4E434E

■ 000000

■ 665A66

■ 80737F

■ 998C99

■ B4A7B4

■ D0C2CF

■ ECDEEC

■ 221822

■ 221822

■ 221522

■ 221B22

■ 221122

■ 221F22

■ 220E22

■ 222222

■ 220A22

■ 222622

■ 220722

■ 222922

■ 220422

■ 222C22

■ 220022

■ 223022

■ 223322

■ 223722

Harmonies

Analogous

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



1B1A26



221822



26171C

Triad

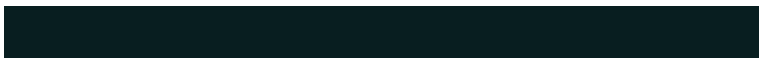
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221822



211A0E



081E20

Complementary

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



221822



182218

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.



0D1E1A



221822



1A1C0F

Square

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



221822



251911



131E14



0B1E25

Rectangle

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



221822



271718



131E14



091F1E

Sweetspot

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



221822



2B272B



181822



171417



969696



171717

Same Dimension

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



221822



2B1C2B



22181D



121012



520052



D100D1

Inverse Universe

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



221822



2B1C2B



18221D



121012



520052



D100D1

Previews

White Background



This preview shows how the Hex color 221822 looks on a white background.

Color Contrast Check

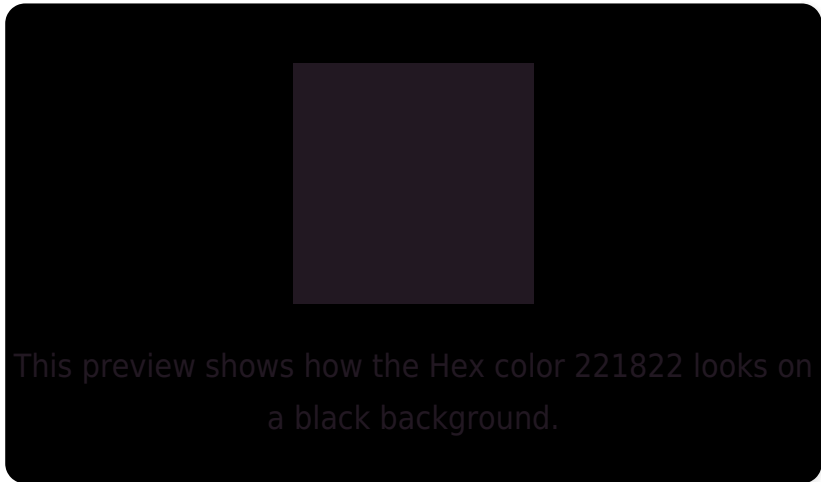
Large Text (above 18pt) WCAG AA ✓ Pass

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

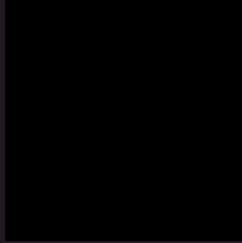
Any Text WCAG AA × Fail

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 221822 Background



This preview shows how black text looks on a background with the Hex color 221822.

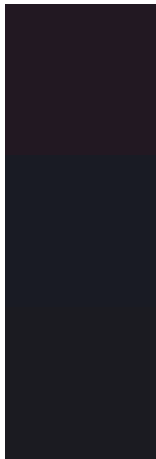


This preview shows how white text looks on a background with the Hex color 221822.

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
221822

Protanopia
191B24

Deuteranopia
1B1B21



Tritanopia
21191B

Trichromacy



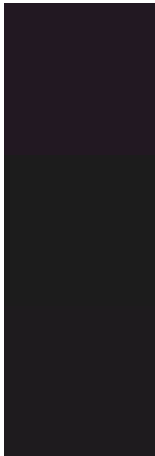
Original Color
221822

Protanomaly
1C1A23

Deuteranomaly
1E1A21

Tritanomaly
21191E

Monochromacy



Original Color
221822

Achromatopsia
1C1C1C

Achromatomaly
1E1B1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 221822 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 #221822 looks like.

```
.text, #text, p{  
    color:#221822  
}
```

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 #221822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221822
}
```

Border

The CSS property to change the border of an element to Hex 221822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

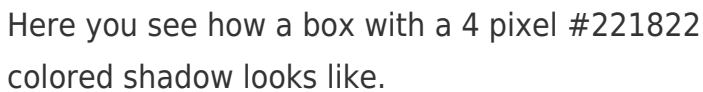
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221822 }
```

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

```
.border{ border-color:#221822 }
```

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



Here you see how a box with a 4 pixel #221822 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221822; -webkit-box-shadow:4px 4px  
4px 4px #221822; box-shadow:4px 4px 4px  
4px #221822 }
```

Background

The CSS property to change the background color of an element to Hex 221822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221822 }
```

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

```
.background{ background-color:#221822 }
```

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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