

Converting Colors

Hex(221824)

Have a look what the booklet for
Hex(221824) contains.

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Color

Hex(221824)

Conversions

Conversions Part 1

Format	Color
Hex	221824
RGB	34, 24, 36
RGB Percent	13%, 9%, 14%
CMY	0.8667, 0.9059, 0.8588
CMYK	0.06, 0.33, 0.00, 0.86
HSL	290°, 20%, 12%
HSV	290°, 33%, 14%
XYZ	1.3048, 1.1207, 1.8166
YIQ	28.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

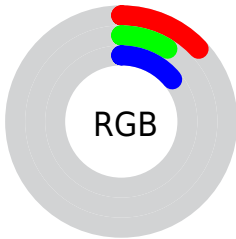
Format	Color
RYB	34, 24, 36
Decimal	2234404
CIELab	9.96, 7.83, -6.35
CIElCh	10, 10.078, 320.957
Yxy	1.1207, 0.3076, 0.2642
Android (android.graphics.Color)	4280424484 (0xFF221824)
YUV	28.3580, 3.7675, 4.9480
Hunter-Lab	10.5864, 3.4736, -2.7636

Details

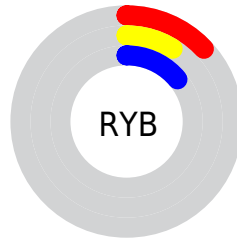
The Hex color **221824** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A2418**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4E4350**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211424**, and if you desaturate by 10%, it is **231C24**.

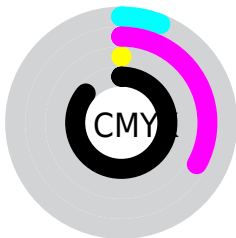
Distribution



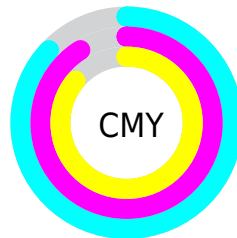
- Red (13%)
- Green (9%)
- Blue (14%)



- Red (13%)
- Yellow (9%)
- Blue (14%)



- Cyan (6%)
- Magenta (33%)
- Yellow (0%)
- Black (86%)



- Cyan (87%)
- Magenta (91%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221824 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 221824 by changing the saturation by 10% instead.

■ 221824

■ 221824

■ FFFAFF

■ 0D000F

■ 4E4350

■ 000000

■ 665A69

■ 807382

■ 9A8C9C

■ B4A7B7

■ D0C2D2

■ ECDEEE

■ 221824

■ 221824

■ 211424

■ 231C24

■ 211124

■ 231F24

■ 200D24

■ 242324

■ 200A24

■ 242624

■ 1F0624

■ 252A24

■ 1E0224

■ 262E24

■ 1E0024

■ 263124

■ 273524

■ 273824

Harmonies

Analogous

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



191A28



221824



27161E

Triad

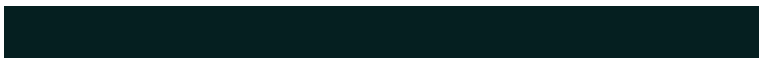
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221824



221A0C



051F20

Complementary

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



221824



1A2418

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.



0B1F19



221824



1C1C0D

Square

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



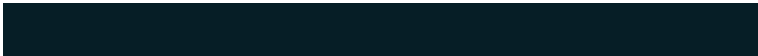
221824



271810



141E12



061E26

Rectangle

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



221824



291619



141E12



071F1E

Sweetspot

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



221824



2D292E



181A24



161417



969696



171717

Same Dimension

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



221824



2B1C2E



241820



121012



440052



AE00D1

Inverse Universe

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



24181A



2E1C1F



18241C



121010



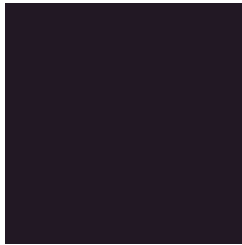
52000E



D10023

Previews

White Background



This preview shows how the Hex color 221824 looks on a white background.

Color Contrast Check

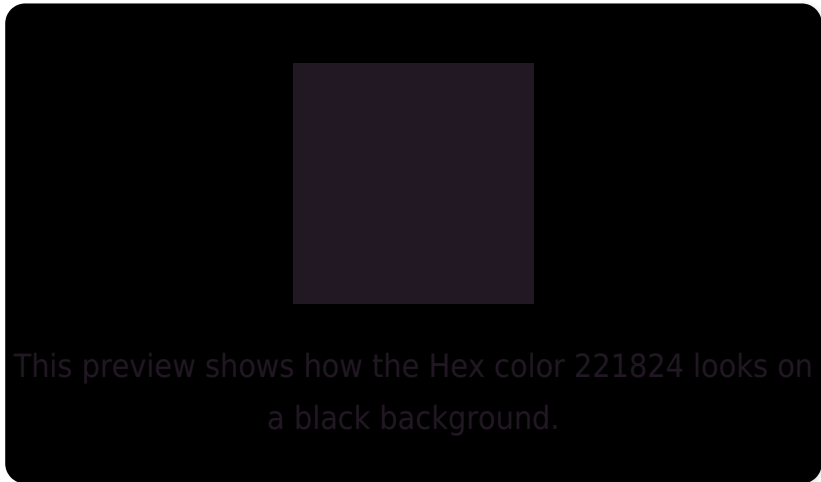
Large Text (above 18pt) WCAG AA ✓ Pass

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

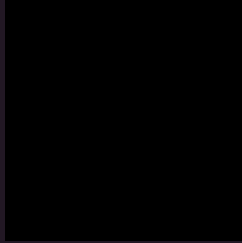
Any Text WCAG AA × Fail

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 221824 Background



This preview shows how black text looks on a background with the Hex color 221824.



This preview shows how white text looks on a background with the Hex color 221824.

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
221824

Protanopia
181B26

Deuteranopia
1A1B23

Trichromacy



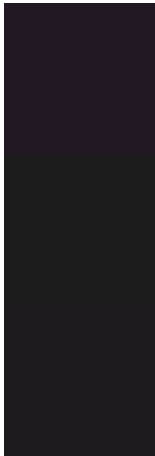
Original Color
221824

Protanomaly
1C1A25

Deuteranomaly
1D1A23

Tritanomaly
21191F

Monochromacy



Original Color
221824

Achromatopsia
1C1C1C

Achromatomaly
1E1B1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 221824 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 #221824 looks like.

```
.text, #text, p{  
  color:#221824  
}
```

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 #221824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221824
}
```

Border

The CSS property to change the border of an element to Hex 221824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

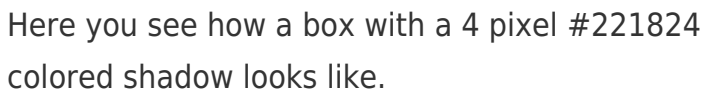
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221824 }
```

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

```
.border{ border-color:#221824 }
```

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



Here you see how a box with a 4 pixel #221824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221824; -webkit-box-shadow:4px 4px  
4px 4px #221824; box-shadow:4px 4px 4px  
4px #221824 }
```

Background

The CSS property to change the background color of an element to Hex 221824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221824 }
```

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

```
.background{ background-color:#221824 }
```

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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