

Converting Colors

Hex(222821)

Have a look what the booklet for
Hex(222821) contains.

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Color

Hex(222821)

Conversions

Conversions Part 1

Format	Color
Hex	222821
RGB	34, 40, 33
RGB Percent	13%, 16%, 13%
CMY	0.8667, 0.8431, 0.8706
CMYK	0.15, 0.00, 0.18, 0.84
HSL	111°, 10%, 14%
HSV	111°, 17%, 16%
XYZ	1.6930, 1.9675, 1.7294
YIQ	37.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

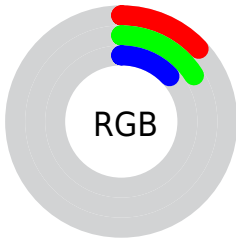
Format	Color
R_{YB}	33, 40, 39
Decimal	2238497
CIE _{Lab}	15.32, -4.40, 3.72
CIE _{LCh}	15, 5.762, 139.804
Yxy	1.9675, 0.3141, 0.3650
Android (android.graphics.Color)	4280428577 (0xFF222821)
YUV	37.4080, -2.1731, -2.9888
Hunter-Lab	14.0267, -3.0020, 2.5087

Details

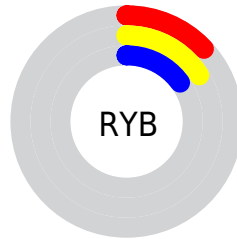
The Hex color **222821** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **272128**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4E554D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F281D**, and if you desaturate by 10%, it is **252825**.

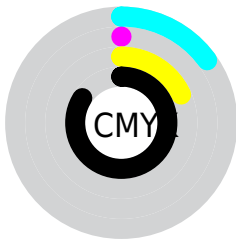
Distribution



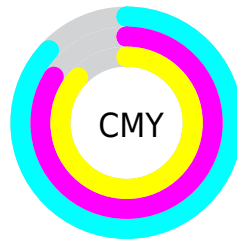
- Red (13%)
- Green (16%)
- Blue (13%)



- Red (13%)
- Yellow (16%)
- Blue (15%)



- Cyan (15%)
- Magenta (0%)
- Yellow (18%)
- Black (84%)



- Cyan (87%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222821 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 222821 by changing the saturation by 10% instead.

■ 222821

■ 222821

FFFFFF

■ 0C140A

■ 4E554D

■ 000000

■ 666D65

■ 7F877E

■ 99A198

■ B4BCB3

■ D0D7CE

■ ECF4EA

■ 222821

■ 222821

■ 1F281D

■ 252825

■ 1B2819

■ 292829

■ 182815

■ 2C282D

■ 142811

■ 302831

■ 11280D

■ 332835

■ 0D2809

■ 372839

■ 0A2805

■ 3A283D

■ 072801

■ 3D2841

■ 062800

■ 412845

Harmonies

Analogous

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



27271F



222821



1E2925

Triad

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



222821



20272E



2F2424

Complementary

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



222821



272128

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.



2E2428



222821



25262E

Square

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



222821



1D282C



2A242C



2E2420

Rectangle

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



222821



1C2928



2A242C



2F2425

Sweetspot

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



222821



313330



282721



181A18



999999



1A1A1A

Same Dimension

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



222821



2A3328



212823



131412



0C5400



1ED400

Inverse Universe

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



272128



312833



282126



141214



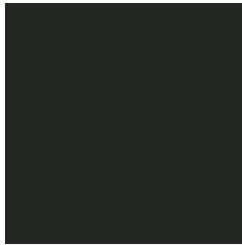
480054



B500D4

Previews

White Background



This preview shows how the Hex color 222821 looks on a white background.

Color Contrast Check

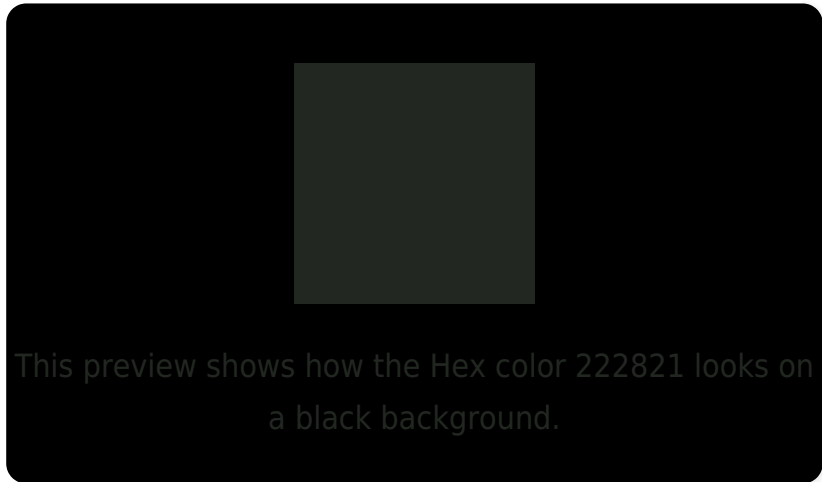
Large Text (above 18pt) WCAG AA ✓ Pass

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

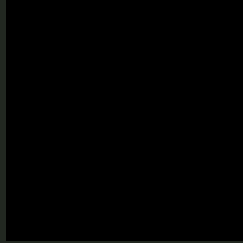
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

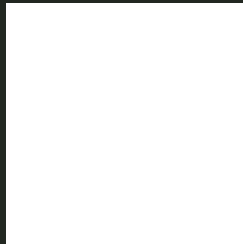
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 222821 Background



This preview shows how black text looks on a background with the Hex color 222821.

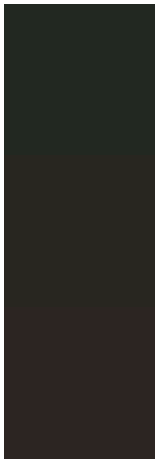


This preview shows how white text looks on a background with the Hex color 222821.

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](#).

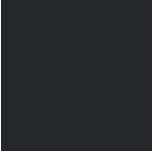
Dichromacy



Original Color
222821

Protanopia
282620

Deuteranopia
2C2522



Tritanopia
23272A

Trichromacy



Original Color

222821

Protanomaly

262720

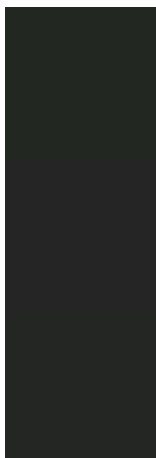
Deuteranomaly

282622

Tritanomaly

232727

Monochromacy



Original Color

222821

Achromatopsia

252525

Achromatomaly

242624

CSS Examples

Text

The CSS property to change the color of the text to Hex 222821 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 #222821 looks like.

```
.text, #text, p{  
    color:#222821  
}
```

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 #222821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222821
}
```

Border

The CSS property to change the border of an element to Hex 222821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

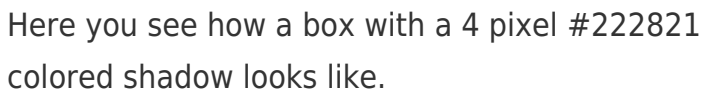
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222821 }
```

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

```
.border{ border-color:#222821 }
```

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



Here you see how a box with a 4 pixel #222821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222821; -webkit-box-shadow:4px 4px  
4px 4px #222821; box-shadow:4px 4px 4px  
4px #222821 }
```

Background

The CSS property to change the background color of an element to Hex 222821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222821 }
```

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

```
.background{ background-color:#222821 }
```

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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