

Converting Colors

Hex(212322)

Have a look what the booklet for
Hex(212322) contains.

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Color

Hex(212322)

Conversions

Conversions Part 1

Format	Color
Hex	212322
RGB	33, 35, 34
RGB Percent	13%, 14%, 13%
CMY	0.8706, 0.8627, 0.8667
CMYK	0.06, 0.00, 0.03, 0.86
HSL	150°, 3%, 13%
HSV	150°, 6%, 14%
XYZ	1.5170, 1.6409, 1.7501
YIQ	34.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

Format	Color
RYB	33, 34, 35
Decimal	2171682
CIELab	13.48, -1.17, 0.35
CIElCh	13, 1.220, 163.398
Yxy	1.6409, 0.3091, 0.3343
Android (android.graphics.Color)	4280361762 (0xFF212322)
YUV	34.2880, -0.1420, -1.1296
Hunter-Lab	12.8097, -1.2785, 0.8662

Details

The Hex color **212322** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **232122**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4D4F4E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E2320**, and if you desaturate by 10%, it is **252324**.

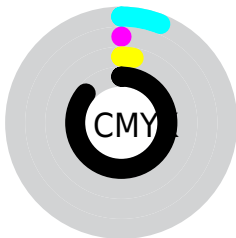
Distribution



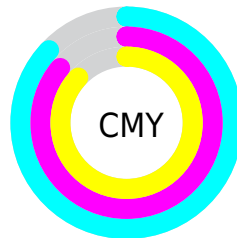
- Red (13%)
- Green (14%)
- Blue (13%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (86%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 212322 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 212322 by changing the saturation by 10% instead.

■ 212322

■ 212322

FFFFFF

■ 0A0D0C

■ 4D4F4E

■ 000000

■ 656766

■ 7E807F

■ 989A99

■ B2B5B4

■ CED1CF

■ EAEDEC

■ 212322

■ 212322

■ 1E2320

■ 252324

■ 1A231E

■ 282326

■ 17231D

■ 2C2327

■ 13231B

■ 2F2329

■ 102319

■ 33232B

■ 0C2317

■ 36232D

■ 092316

■ 3A232E

■ 052314

■ 3D2330

■ 022312

■ 412332

Harmonies

Analogous

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



222321



212322



212323

Triad

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



212322



222224



242221

Complementary

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



212322



232122

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.



242222



212322



232224

Square

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



212322



212324



242223



242221

Rectangle

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



212322



212323



242223



242222

Sweetspot

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



212322



2D2E2D



222321



161717



969696



171717

Same Dimension

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



212322



2B2E2C



212323



101211



005229



00D169

Inverse Universe

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



232122



2E2B2C



232121



121011



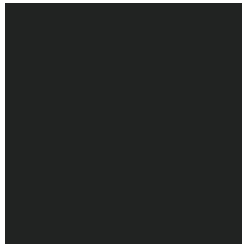
520029



D10069

Previews

White Background



This preview shows how the Hex color 212322 looks on a white background.

Color Contrast Check

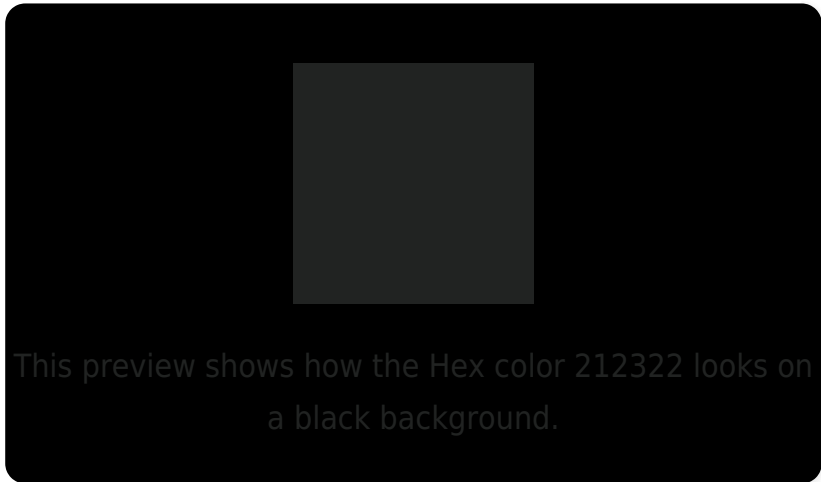
Large Text (above 18pt) WCAG AA ✓ Pass

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

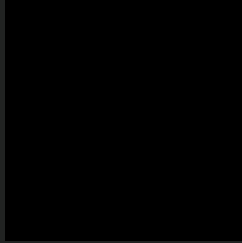
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

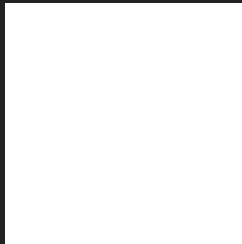
Any Text WCAG AAA × Fail

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

Hex 212322 Background



This preview shows how black text looks on a background with the Hex color 212322.

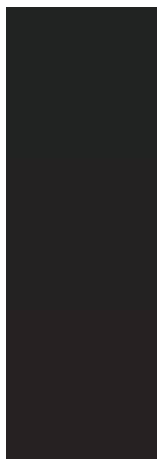


This preview shows how white text looks on a background with the Hex color 212322.

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

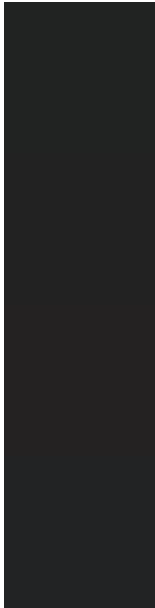


Original Color
212322

Protanopia
232222

Deuteranopia
262122

Trichromacy



Original Color

212322

Protanomaly

222222

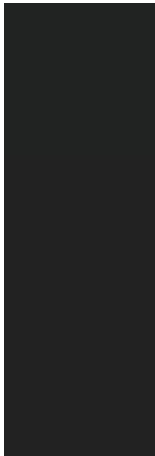
Deuteranomaly

242222

Tritanomaly

222324

Monochromacy



Original Color

212322

Achromatopsia

222222

Achromatomaly

222222

CSS Examples

Text

The CSS property to change the color of the text to Hex 212322 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 #212322 looks like.

```
.text, #text, p{  
    color:#212322  
}
```

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 #212322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212322
}
```

Border

The CSS property to change the border of an element to Hex 212322 is called "border". The border property can be set on classes, ids or directly on the HTML element.

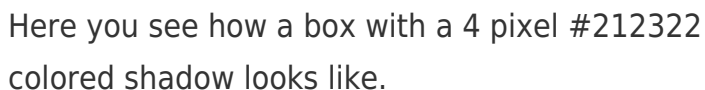
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212322 }
```

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

```
.border{ border-color:#212322 }
```

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



Here you see how a box with a 4 pixel #212322 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212322; -webkit-box-shadow:4px 4px  
4px 4px #212322; box-shadow:4px 4px 4px  
4px #212322 }
```

Background

The CSS property to change the background color of an element to Hex 212322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212322 }
```

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

```
.background{ background-color:#212322 }
```

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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