

Converting Colors

Hex(212B2A)

Have a look what the booklet for
Hex(212B2A) contains.

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Color

Hex(212B2A)

Conversions

Conversions Part 1

Format	Color
Hex	212B2A
RGB	33, 43, 42
RGB Percent	13%, 17%, 16%
CMY	0.8706, 0.8314, 0.8353
CMYK	0.23, 0.00, 0.02, 0.83
HSL	174°, 13%, 15%
HSV	174°, 23%, 17%
XYZ	1.9090, 2.2183, 2.5180
YIQ	39.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

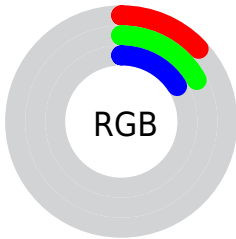
Format	Color
RYB	33, 38, 43
Decimal	2173738
CIELab	16.59, -4.58, -0.79
CIELCh	17, 4.643, 189.743
Yxy	2.2183, 0.2873, 0.3338
Android (android.graphics.Color)	4280363818 (0xFF212B2A)
YUV	39.8960, 1.0373, -6.0478
Hunter-Lab	14.8938, -3.1851, 0.4017

Details

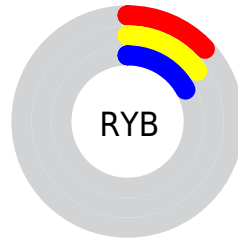
The Hex color **212B2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2122**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4D5857**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D2B2A**, and if you desaturate by 10%, it is **252B2A**.

Distribution



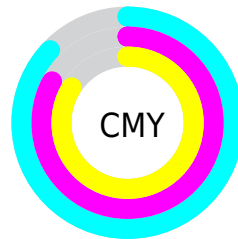
- Red (13%)
- Green (17%)
- Blue (16%)



- Red (13%)
- Yellow (15%)
- Blue (17%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (83%)



- Cyan (87%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212B2A 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 212B2A by changing the saturation by 10% instead.

■ 212B2A

■ 212B2A

FFFFFF

■ 0B1716

■ 4D5857

■ 000000

■ 657170

■ 7E8A89

■ 98A5A3

■ B3C0BE

■ CFDBDA

■ EBF8F6

■ 212B2A

■ 212B2A

■ 1D2B2A

■ 252B2A

■ 182B29

■ 2A2B2B

■ 142B29

■ 2E2B2B

■ 102B28

■ 322B2C

■ 0C2B28

■ 372B2C

■ 072B27

■ 3B2B2D

■ 032B27

■ 3F2B2D

■ 002B27

■ 432B2D

■ 482B2E

Harmonies

Analogous

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



232B27



212B2A



212B2D

Triad

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



212B2A



2B282E



2E2823

Complementary

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



212B2A



2B2122

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.



302725



212B2A



2E272B

Square

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



212B2A



27292F



302728



2B2923

Rectangle

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



212B2A



222A2F



302728



2F2823

Sweetspot

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



212B2A



343838



222B21



1A1C1C



9C9C9C



1C1C1C

Same Dimension

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



212B2A



283837



21272B



121414



00544C



00D4BE

Inverse Universe

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



2B2122



38282A



2B2521



141213



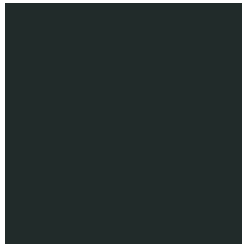
540008



D40015

Previews

White Background



This preview shows how the Hex color 212B2A looks on a white background.

Color Contrast Check

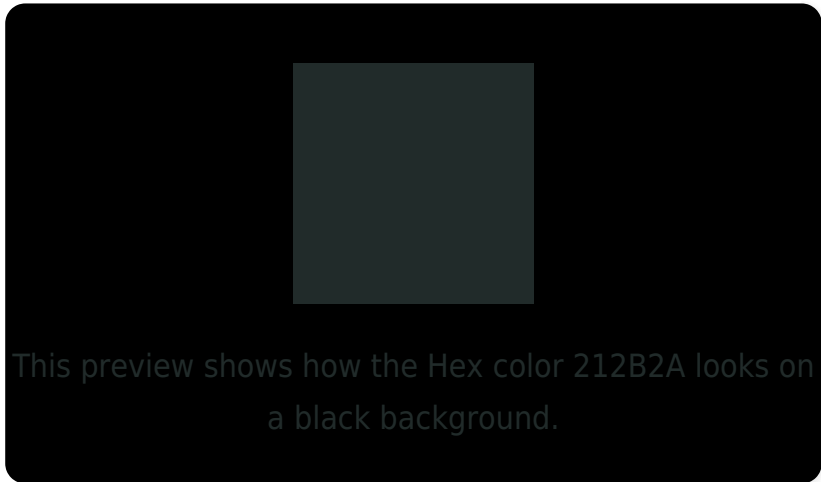
Large Text (above 18pt) WCAG AA ✓ Pass

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

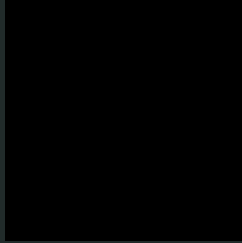
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

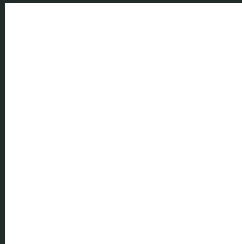
Any Text WCAG AAA × Fail

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

Hex 212B2A Background



This preview shows how black text looks on a background with the Hex color 212B2A.

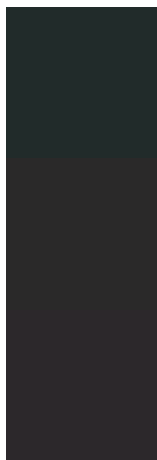


This preview shows how white text looks on a background with the Hex color 212B2A.

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
212B2A

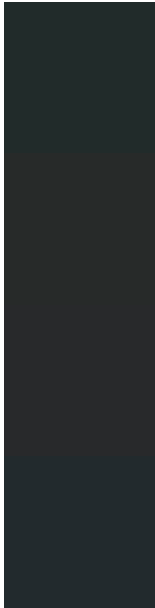
Protanopia
2A2929

Deuteranopia
2C282B



Tritanopia
222A2E

Trichromacy



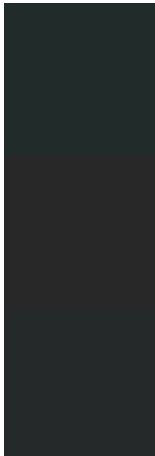
Original Color
212B2A

Protanomaly
272A29

Deuteranomaly
28292B

Tritanomaly
222A2D

Monochromacy



Original Color
212B2A

Achromatopsia
282828

Achromatomaly
252929

CSS Examples

Text

The CSS property to change the color of the text to Hex 212B2A 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 #212B2A looks like.

```
.text, #text, p{  
    color:#212B2A  
}
```

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 #212B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212B2A
}
```

Border

The CSS property to change the border of an element to Hex 212B2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

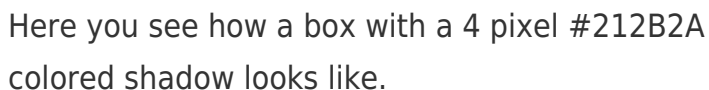
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212B2A }
```

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

```
.border{ border-color:#212B2A }
```

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



Here you see how a box with a 4 pixel #212B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212B2A; -webkit-box-shadow:4px 4px  
4px 4px #212B2A; box-shadow:4px 4px 4px  
4px #212B2A }
```

Background

The CSS property to change the background color of an element to Hex 212B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212B2A }
```

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

```
.background{ background-color:#212B2A }
```

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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