

Converting Colors

Hex(232B2C)

Have a look what the booklet for
Hex(232B2C) contains.

Hex(232B2C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(232B2C)

Conversions

Conversions Part 1

Format	Color
Hex	232B2C
RGB	35, 43, 44
RGB Percent	14%, 17%, 17%
CMY	0.8627, 0.8314, 0.8275
CMYK	0.20, 0.02, 0.00, 0.83
HSL	187°, 11%, 15%
HSV	187°, 20%, 17%
XYZ	2.0116, 2.2669, 2.7144
YIQ	40.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

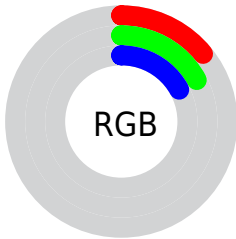
Format	Color
R_{YB}	35, 39, 44
Decimal	2304812
CIE _{Lab}	16.83, -3.20, -1.82
CIE _{LCh}	17, 3.685, 209.635
Yxy	2.2669, 0.2877, 0.3242
Android (android.graphics.Color)	4280494892 (0xFF232B2C)
YUV	40.7220, 1.6161, -5.0182
Hunter-Lab	15.0563, -2.4996, -0.1496

Details

The Hex color **232B2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C2423**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **505859**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F2B2C**, and if you desaturate by 10%, it is **272B2C**.

Distribution



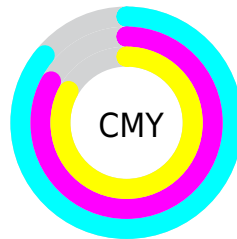
- Red (14%)
- Green (17%)
- Blue (17%)



- Red (14%)
- Yellow (15%)
- Blue (17%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (83%)



- Cyan (86%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232B2C 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 232B2C by changing the saturation by 10% instead.

■ 232B2C

■ 232B2C

FFFFFF

■ 0E1718

■ 505859

■ 000000

■ 687172

■ 818A8B

■ 9BA4A6

■ B6C0C1

■ D1DBDD

■ EDF8F9

■ 232B2C

■ 232B2C

■ 1F2B2C

■ 272B2C

■ 1A2A2C

■ 2C2C2C

■ 162A2C

■ 302C2C

■ 11292C

■ 352D2C

■ 0D292C

■ 392D2C

■ 09282C

■ 3D2E2C

■ 04282C

■ 422E2C

■ 00272C

■ 462F2C

■ 4B2F2C

Harmonies

Analogous

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



242B29



232B2C



242B2E

Triad

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



232B2C



2D282C



2C2924

Complementary

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



232B2C



2C2423

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.



2E2825



232B2C



2F282A

Square

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



232B2C



2A292E



2F2827



292A25

Rectangle

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



232B2C



262A2F



2F2827



2D2924

Sweetspot

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



232B2C



353838



232C24



1A1C1C



9C9C9C



1C1C1C

Same Dimension

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



232B2C



2A3738



23272C



151717



004D57



00BED6

Inverse Universe

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



2C232B



382A37



2C2823



171517



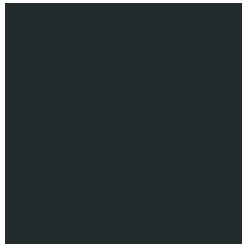
57004D



D600BE

Previews

White Background



This preview shows how the Hex color 232B2C looks on a white background.

Color Contrast Check

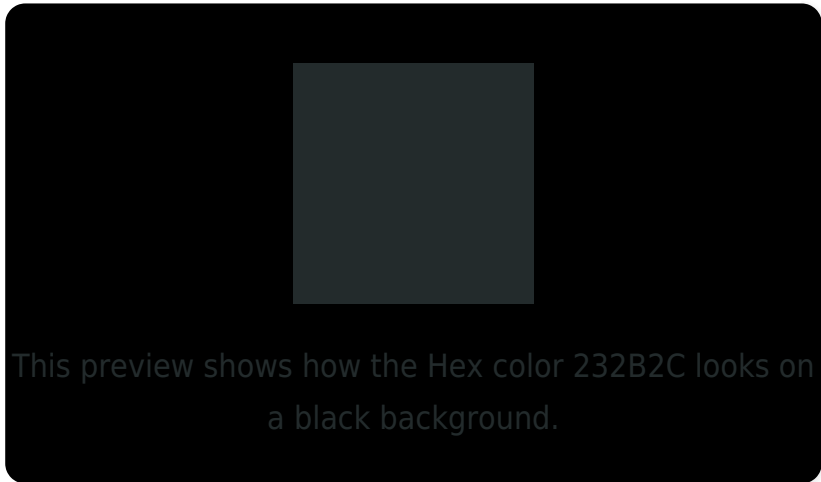
Large Text (above 18pt) WCAG AA ✓ Pass

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

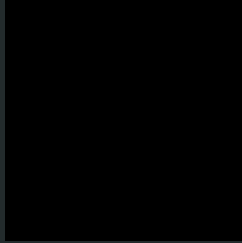
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

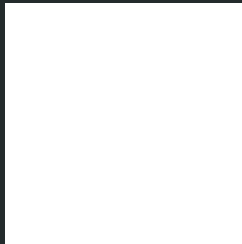
Any Text WCAG AAA × Fail

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

Hex 232B2C Background



This preview shows how black text looks on a background with the Hex color 232B2C.

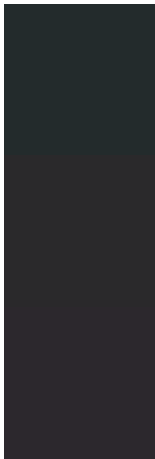


This preview shows how white text looks on a background with the Hex color 232B2C.

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
232B2C

Protanopia
2A292B

Deuteranopia
2C282D



Tritanopia
232B2E

Trichromacy



Original Color

232B2C

Protanomaly

272A2B

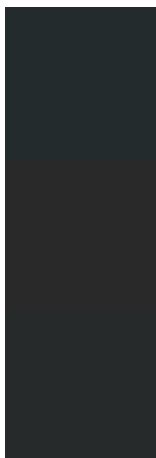
Deuteranomaly

29292D

Tritanomaly

232B2D

Monochromacy



Original Color

232B2C

Achromatopsia

292929

Achromatomaly

272A2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 232B2C 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 #232B2C looks like.

```
.text, #text, p{  
    color:#232B2C  
}
```

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 #232B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232B2C
}
```

Border

The CSS property to change the border of an element to Hex 232B2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

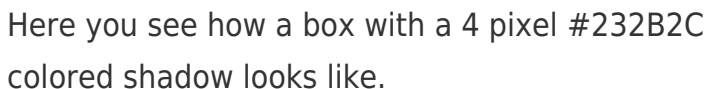
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#232B2C }
```

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

```
.border{ border-color:#232B2C }
```

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



Here you see how a box with a 4 pixel #232B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232B2C; -webkit-box-shadow:4px 4px  
4px 4px #232B2C; box-shadow:4px 4px 4px  
4px #232B2C }
```

Background

The CSS property to change the background color of an element to Hex 232B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232B2C }
```

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

```
.background{ background-color:#232B2C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor