

Converting Colors

Hex(232A2C)

Have a look what the booklet for
Hex(232A2C) contains.

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Color

Hex(232A2C)

Conversions

Conversions Part 1

Format	Color
Hex	232A2C
RGB	35, 42, 44
RGB Percent	14%, 16%, 17%
CMY	0.8627, 0.8353, 0.8275
CMYK	0.20, 0.05, 0.00, 0.83
HSL	193°, 11%, 15%
HSV	193°, 20%, 17%
XYZ	1.9757, 2.1951, 2.7024
YIQ	40.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

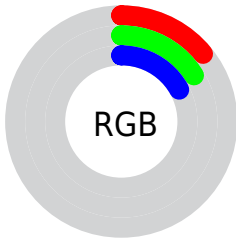
Format	Color
RYB	35, 39, 44
Decimal	2304556
CIELab	16.48, -2.52, -2.34
CIElCh	16, 3.439, 222.880
Yxy	2.1951, 0.2875, 0.3194
Android (android.graphics.Color)	4280494636 (0xFF232A2C)
YUV	40.1350, 1.9054, -4.5034
Hunter-Lab	14.8159, -2.1245, -0.4435

Details

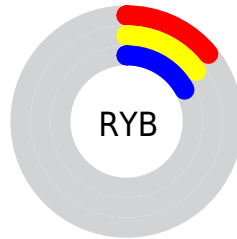
The Hex color **232A2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C2523**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4F5759**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F292C**, and if you desaturate by 10%, it is **272B2C**.

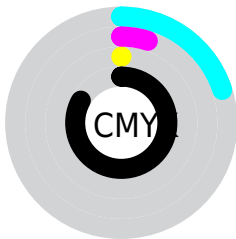
Distribution



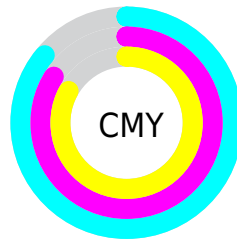
- Red (14%)
- Green (16%)
- Blue (17%)



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



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (83%)



- Cyan (86%)
- Magenta (84%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232A2C 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 232A2C by changing the saturation by 10% instead.

■ 232A2C

■ 232A2C

FFFFFF

■ 0E1618

■ 4F5759

■ 000000

■ 687072

■ 81898B

■ 9BA3A6

■ B6BEC1

■ D1DADD

■ EDF7F9

■ 232A2C

■ 232A2C

■ 1F292C

■ 272B2C

■ 1A282C

■ 2C2C2C

■ 16272C

■ 302D2C

■ 11262C

■ 352E2C

■ 0D252C

■ 392F2C

■ 09242C

■ 3D302C

■ 04232C

■ 42312C

■ 00222C

■ 46322C

■ 4B332C

Harmonies

Analogous

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



232A2A



232A2C



25292D

Triad

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



232A2C



2D272A



2A2924

Complementary

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



232A2C



2C2523

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.



2C2824



232A2C



2E2728

Square

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



232A2C



2B282C



2E2726



272A25

Rectangle

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



232A2C



27292E



2E2726



2B2924

Sweetspot

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



232A2C



353738



232C25



1A1C1C



9C9C9C



1C1C1C

Same Dimension

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



232A2C



2A3538



23262C



151617



004357



00A7D6

Inverse Universe

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



2C232A



382A35



2C2923



171516



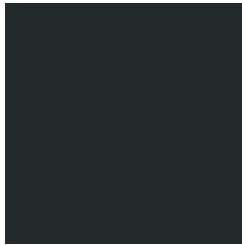
570043



D600A7

Previews

White Background



This preview shows how the Hex color 232A2C looks on a white background.

Color Contrast Check

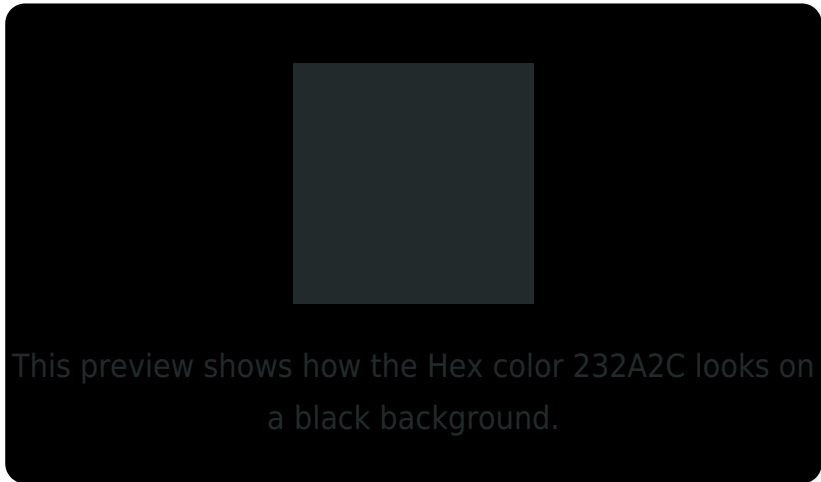
Large Text (above 18pt) WCAG AA ✓ Pass

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

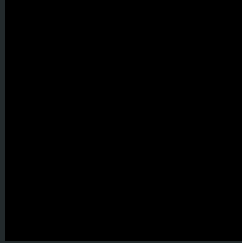
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

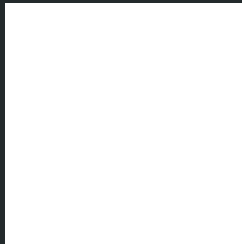
Any Text WCAG AAA × Fail

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

Hex 232A2C Background



This preview shows how black text looks on a background with the Hex color 232A2C.

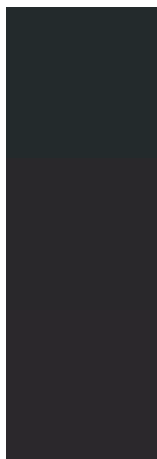


This preview shows how white text looks on a background with the Hex color 232A2C.

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

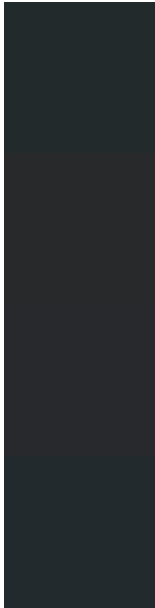


Original Color
232A2C

Protanopia
29282B

Deuteranopia
2B282C

Trichromacy



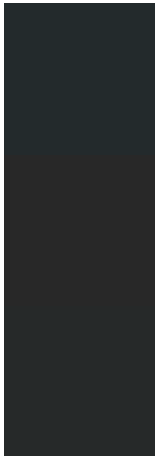
Original Color
232A2C

Protanomaly
27292B

Deuteranomaly
28292C

Tritanomaly
232A2D

Monochromacy



Original Color
232A2C

Achromatopsia
282828

Achromatomaly
262929

CSS Examples

Text

The CSS property to change the color of the text to Hex 232A2C 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 #232A2C looks like.

```
.text, #text, p{  
    color:#232A2C  
}
```

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 #232A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232A2C }  
}
```

Border

The CSS property to change the border of an element to Hex 232A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

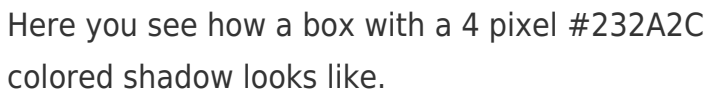
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #232A2C }  
}
```

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

```
.border{ border-color:#232A2C }
```

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



Here you see how a box with a 4 pixel #232A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232A2C; -webkit-box-shadow:4px 4px  
4px 4px #232A2C; box-shadow:4px 4px 4px  
4px #232A2C }
```

Background

The CSS property to change the background color of an element to Hex 232A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232A2C }
```

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

```
.background{ background-color:#232A2C }
```

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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