

Converting Colors

Hex(252C2F)

Have a look what the booklet for
Hex(252C2F) contains.

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Color

Hex(252C2F)

Conversions

Conversions Part 1

Format	Color
Hex	252C2F
RGB	37, 44, 47
RGB Percent	15%, 17%, 18%
CMY	0.8549, 0.8275, 0.8157
CMYK	0.21, 0.06, 0.00, 0.82
HSL	198°, 12%, 16%
HSV	198°, 21%, 18%
XYZ	2.1767, 2.3999, 3.0378
YIQ	42.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

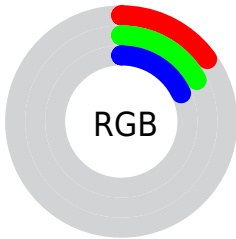
Format	Color
RYB	37, 41, 47
Decimal	2436143
CIELab	17.46, -2.23, -2.97
CIELCh	17, 3.716, 233.061
Yxy	2.3999, 0.2859, 0.3152
Android (android.graphics.Color)	4280626223 (0xFF252C2F)
YUV	42.2490, 2.3422, -4.6034
Hunter-Lab	15.4917, -2.0295, -0.7823

Details

The Hex color **252C2F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2825**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **52595D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **202B2F**, and if you desaturate by 10%, it is **2A2D2F**.

Distribution



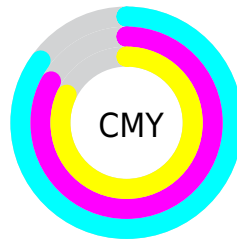
- Red (15%)
- Green (17%)
- Blue (18%)



- Red (15%)
- Yellow (16%)
- Blue (18%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (82%)



- Cyan (85%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252C2F 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 252C2F by changing the saturation by 10% instead.

■ 252C2F

■ 252C2F

FFFFFF

■ 11181A

■ 52595D

■ 000000

■ 6A7275

■ 838B8F

■ 9DA6A9

■ B8C1C5

■ D4DDE1

■ F0F9FD

■ 252C2F

■ 252C2F

■ 202B2F

■ 2A2D2F

■ 1C292F

■ 2E2F2F

■ 17282F

■ 33302F

■ 12262F

■ 38322F

■ 0E252F

■ 3D332F

■ 09242F

■ 41342F

■ 04222F

■ 46362F

■ 00212F

■ 4B372F

■ 4F392F

Harmonies

Analogous

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



242C2D



252C2F



272B30

Triad

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



252C2F



30292C



2B2B26

Complementary

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



252C2F



2F2825

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.



2E2A26



252C2F



312929

Square

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



252C2F



2E2A2E



302A27



282C28

Rectangle

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



252C2F



2A2B30



302A27



2C2B26

Sweetspot

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



252C2F



3A3C3D



252F28



1C1E1F



9E9E9E



1F1F1F

Same Dimension

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



252C2F



2D383D



25272F



151617



003D57



0096D6

Inverse Universe

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



2F252C



3D2D38



2F2D25



171516



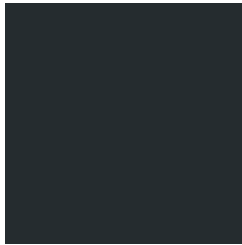
57003D



D60096

Previews

White Background



This preview shows how the Hex color 252C2F looks on a white background.

Color Contrast Check

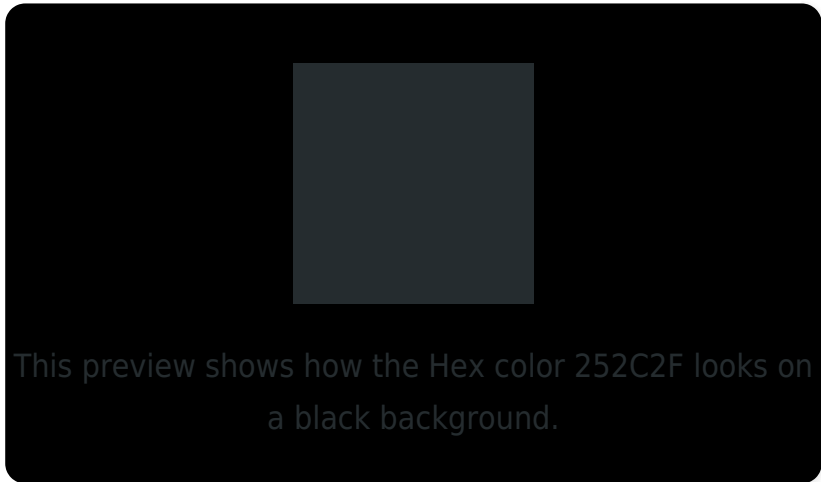
Large Text (above 18pt) WCAG AA ✓ Pass

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

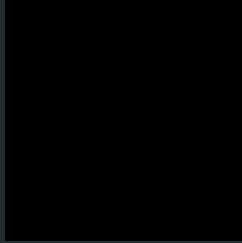
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

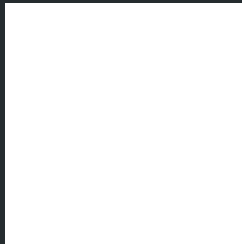
Any Text WCAG AAA × Fail

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

Hex 252C2F Background



This preview shows how black text looks on a background with the Hex color 252C2F.

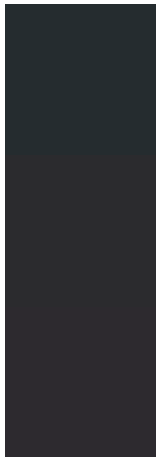


This preview shows how white text looks on a background with the Hex color 252C2F.

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

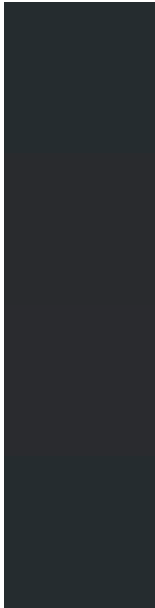


Original Color
252C2F

Protanopia
2B2B2E

Deuteranopia
2D2A2F

Trichromacy



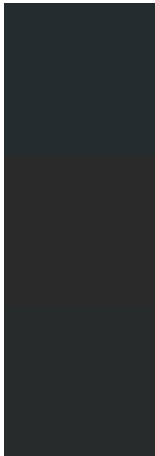
Original Color
252C2F

Protanomaly
292B2E

Deuteranomaly
2A2B2F

Tritanomaly
252C2F

Monochromacy



Original Color
252C2F

Achromatopsia
2A2A2A

Achromatomaly
282B2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 252C2F 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 #252C2F looks like.

```
.text, #text, p{  
  color:#252C2F  
}
```

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 #252C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252C2F
}
```

Border

The CSS property to change the border of an element to Hex 252C2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

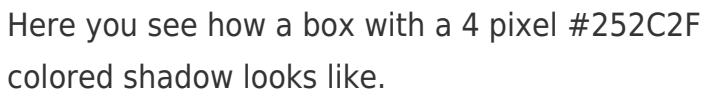
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#252C2F }
```

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

```
.border{ border-color:#252C2F }
```

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



Here you see how a box with a 4 pixel #252C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252C2F; -webkit-box-shadow:4px 4px  
4px 4px #252C2F; box-shadow:4px 4px 4px  
4px #252C2F }
```

Background

The CSS property to change the background color of an element to Hex 252C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252C2F }
```

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

```
.background{ background-color:#252C2F }
```

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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