

Converting Colors

Hex(232F2A)

Have a look what the booklet for
Hex(232F2A) contains.

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Color

Hex(232F2A)

Conversions

Conversions Part 1

Format	Color
Hex	232F2A
RGB	35, 47, 42
RGB Percent	14%, 18%, 16%
CMY	0.8627, 0.8157, 0.8353
CMYK	0.26, 0.00, 0.11, 0.82
HSL	155°, 15%, 16%
HSV	155°, 26%, 18%
XYZ	2.1276, 2.5575, 2.5720
YIQ	42.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

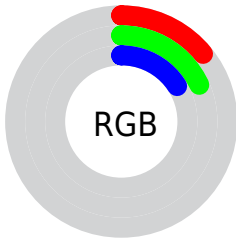
Format	Color
R_{YB}	35, 43, 47
Decimal	2305834
CIE Lab	18.18, -6.40, 1.54
CIE LCh	18, 6.583, 166.470
Yxy	2.5575, 0.2932, 0.3524
Android (android.graphics.Color)	4280495914 (0xFF232F2A)
YUV	42.8420, -0.4151, -6.8774
Hunter-Lab	15.9923, -4.2393, 1.6591

Details

The Hex color **232F2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2328**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **505D57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E2F28**, and if you desaturate by 10%, it is **282F2C**.

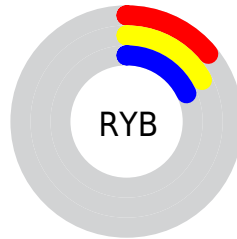
Distribution



Red (14%)

Green (18%)

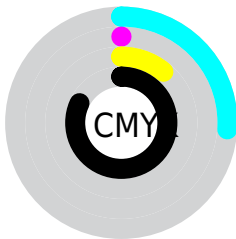
Blue (16%)



Red (14%)

Yellow (17%)

Blue (18%)

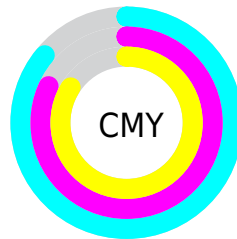


Cyan (26%)

Magenta (0%)

Yellow (11%)

Black (82%)



Cyan (86%)

Magenta (82%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232F2A 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 232F2A by changing the saturation by 10% instead.

■ 232F2A

■ 232F2A

FFFFFF

■ 0E1A16

■ 505D57

■ 000000

■ 687670

■ 818F89

■ 9BAAA3

■ B6C5BE

■ D1E1DA

■ EEFD7

■ 232F2A

■ 232F2A

■ 1E2F28

■ 282F2C

■ 1A2F26

■ 2C2F2E

■ 152F24

■ 312F30

■ 102F22

■ 362F32

■ 0C2F20

■ 3B2F34

■ 072F1E

■ 3F2F36

■ 022F1C

■ 442F38

■ 002F1B

■ 492F3A

■ 4D2F3C

Harmonies

Analogous

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



282E26



232F2A



202F2F

Triad

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



232F2A



2A2C35



352A26

Complementary

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



232F2A



2F2328

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.



36292A



232F2A



302A33

Square

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



232F2A



252D35



35292F



322B23

Rectangle

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



232F2A



202F32



35292F



362A27

Sweetspot

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



232F2A



383D3B



282F23



1C1F1D



9E9E9E



1F1F1F

Same Dimension

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



232F2A



2A3D35



232E2F



151716



005733



00D67D

Inverse Universe

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



2F2328



3D2A32



2F2423



171516



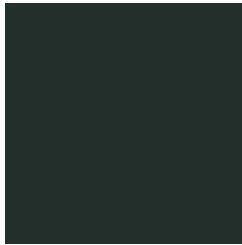
570024



D60059

Previews

White Background



This preview shows how the Hex color 232F2A looks on a white background.

Color Contrast Check

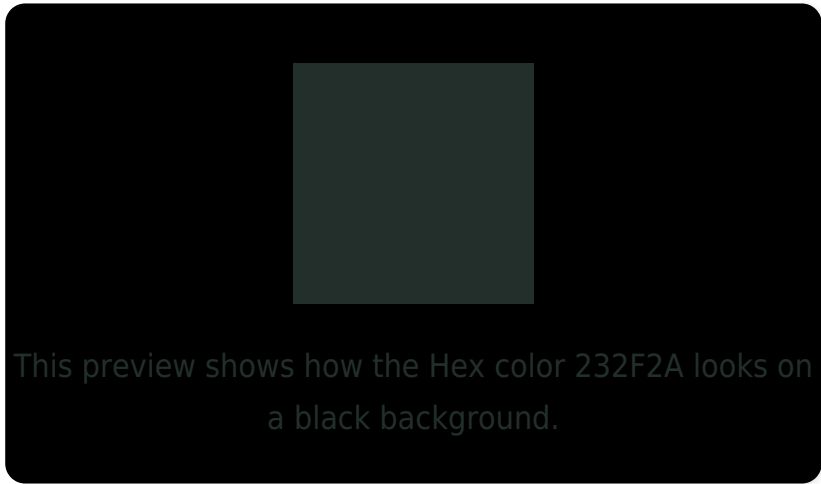
Large Text (above 18pt) WCAG AA ✓ Pass

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

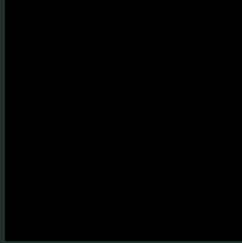
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

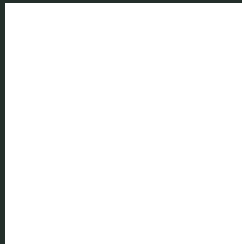
Any Text WCAG AAA × Fail

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

Hex 232F2A Background



This preview shows how black text looks on a background with the Hex color 232F2A.



This preview shows how white text looks on a background with the Hex color 232F2A.

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](#).

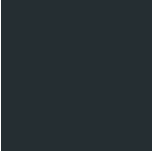
Dichromacy



Original Color
232F2A

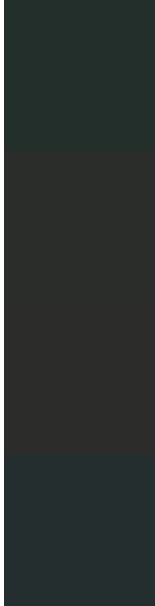
Protanopia
2E2C28

Deuteranopia
312B2B



Tritanopia
252E32

Trichromacy



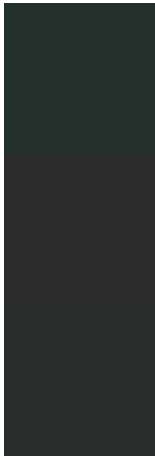
Original Color
232F2A

Protanomaly
2A2D29

Deuteranomaly
2C2C2B

Tritanomaly
242E2F

Monochromacy



Original Color
232F2A

Achromatopsia
2B2B2B

Achromatomaly
282C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 232F2A 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 #232F2A looks like.

```
.text, #text, p{  
    color:#232F2A  
}
```

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 #232F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232F2A
}
```

Border

The CSS property to change the border of an element to Hex 232F2A 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
#232F2A }
```

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

```
.border{ border-color:#232F2A }
```

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

Here you see how a box with a 4 pixel #232F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232F2A; -webkit-box-shadow:4px 4px  
4px 4px #232F2A; box-shadow:4px 4px 4px  
4px #232F2A }
```

Background

The CSS property to change the background color of an element to Hex 232F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232F2A }
```

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

```
.background{ background-color:#232F2A }
```

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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