

Converting Colors

Hex(2A2F2E)

Have a look what the booklet for
Hex(2A2F2E) contains.

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Color

Hex(2A2F2E)

Conversions

Conversions Part 1

Format	Color
Hex	2A2F2E
RGB	42, 47, 46
RGB Percent	16%, 18%, 18%
CMY	0.8353, 0.8157, 0.8196
CMYK	0.11, 0.00, 0.02, 0.82
HSL	168°, 6%, 17%
HSV	168°, 11%, 18%
XYZ	2.4645, 2.7225, 2.9804
YIQ	45.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

Format	Color
RYB	42, 45, 47
Decimal	2764590
CIELab	18.90, -2.43, -0.11
CIElCh	19, 2.428, 182.552
Yxy	2.7225, 0.3017, 0.3333
Android (android.graphics.Color)	4280954670 (0xFF2A2F2E)
YUV	45.3910, 0.3002, -2.9739
Hunter-Lab	16.5001, -2.2139, 0.8406

Details

The Hex color **2A2F2E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2A2B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **575D5C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **252F2D**, and if you desaturate by 10%, it is **2F2F2F**.

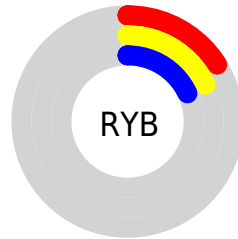
Distribution



Red (16%)

Green (18%)

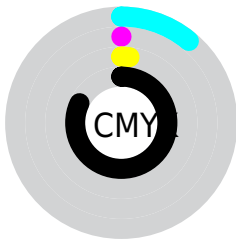
Blue (18%)



Red (16%)

Yellow (18%)

Blue (18%)

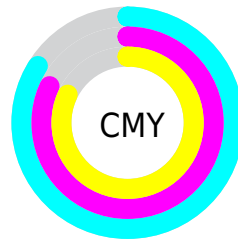


Cyan (11%)

Magenta (0%)

Yellow (2%)

Black (82%)



Cyan (84%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2F2E 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 2A2F2E by changing the saturation by 10% instead.

■ 2A2F2E

■ 2A2F2E

FFFFFF

■ 161A19

■ 575D5C

■ 000000

■ 707574

■ 898F8E

■ A3A9A8

■ BEC5C3

■ DAE1DF

■ F7FDFC

■ 2A2F2E

■ 2A2F2E

■ 252F2D

■ 2F2F2F

■ 212F2C

■ 332F30

■ 1C2F2B

■ 382F31

■ 172F2A

■ 3D2F32

■ 122F29

■ 422F33

■ 0E2F28

■ 462F34

■ 092F27

■ 4B2F35

■ 042F26

■ 502F36

■ 002F26

■ 542F36

Harmonies

Analogous

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



2B2F2C



2A2F2E



2A2F30

Triad

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



2A2F2E



2E2D31



312D2B

Complementary

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



2A2F2E



2F2A2B

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.



322D2C



2A2F2E



302D30

Square

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



2A2F2E



2C2E31



322D2E



2F2E2A

Rectangle

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



2A2F2E



2A2F31



322D2E



312D2B

Sweetspot

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



2A2F2E



3B3D3D



2B2F2A



1D1F1E



9E9E9E



1F1F1F

Same Dimension

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



2A2F2E



353D3C



2A2E2F



151716



005745



00D6AB

Inverse Universe

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



2F2A2B



3D3537



2F2C2A



171515



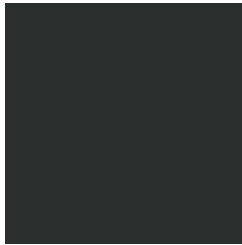
570011



D6002B

Previews

White Background



This preview shows how the Hex color 2A2F2E looks on a white background.

Color Contrast Check

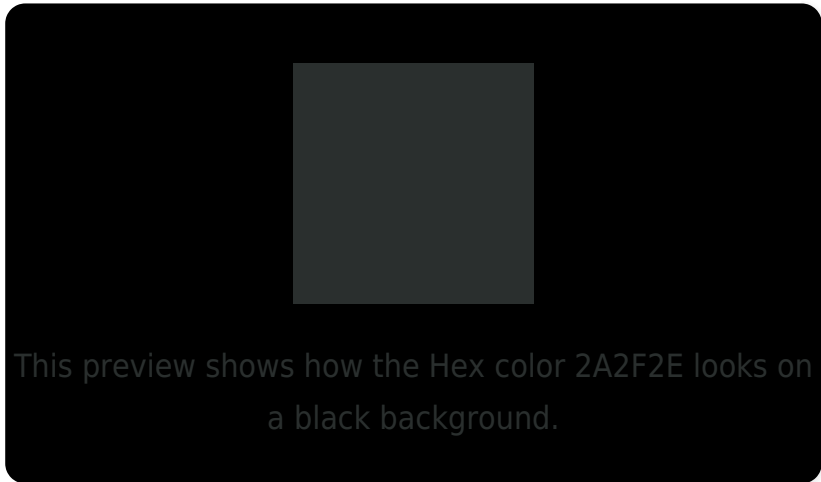
Large Text (above 18pt) WCAG AA ✓ Pass

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

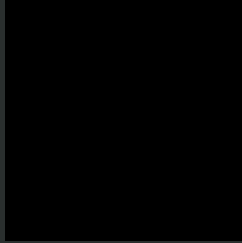
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

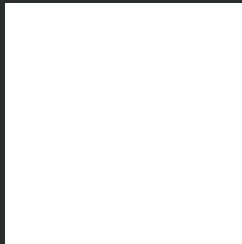
Any Text WCAG AAA × Fail

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

Hex 2A2F2E Background



This preview shows how black text looks on a background with the Hex color 2A2F2E.

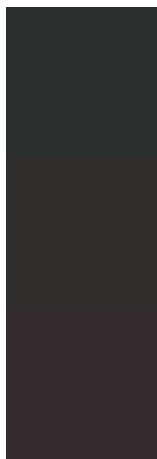


This preview shows how white text looks on a background with the Hex color 2A2F2E.

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

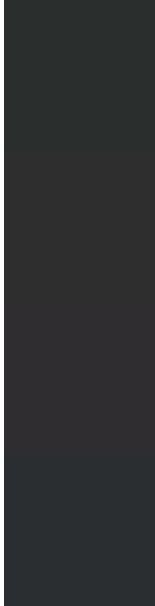


Original Color
2A2F2E

Protanopia
2F2E2D

Deuteranopia
322C2F

Trichromacy



Original Color

2A2F2E

Protanomaly

2D2E2D

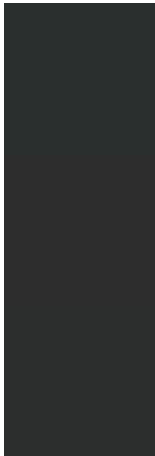
Deuteranomaly

2F2D2F

Tritanomaly

2B2E31

Monochromacy



Original Color

2A2F2E

Achromatopsia

2D2D2D

Achromatomaly

2C2E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2F2E 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 #2A2F2E looks like.

```
.text, #text, p{  
    color:#2A2F2E  
}
```

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 #2A2F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2F2E
}
```

Border

The CSS property to change the border of an element to Hex 2A2F2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

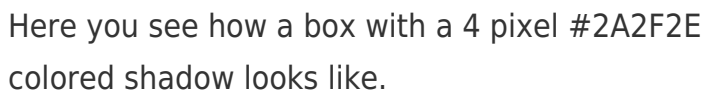
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2F2E }
```

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

```
.border{ border-color:#2A2F2E }
```

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



Here you see how a box with a 4 pixel #2A2F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2F2E; -webkit-box-shadow:4px 4px  
4px 4px #2A2F2E; box-shadow:4px 4px 4px  
4px #2A2F2E }
```

Background

The CSS property to change the background color of an element to Hex 2A2F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2F2E }
```

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

```
.background{ background-color:#2A2F2E }
```

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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