

Converting Colors

Hex(292A2D)

Have a look what the booklet for
Hex(292A2D) contains.

Hex(292A2D)	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(292A2D)

Conversions

Conversions Part 1

Format	Color
Hex	292A2D
RGB	41, 42, 45
RGB Percent	16%, 16%, 18%
CMY	0.8392, 0.8353, 0.8235
CMYK	0.09, 0.07, 0.00, 0.82
HSL	225°, 5%, 17%
HSV	225°, 9%, 18%
XYZ	2.2161, 2.3168, 2.8130
YIQ	42.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

Format	Color
RYB	41, 42, 45
Decimal	2697773
CIELab	17.07, 0.30, -2.11
CIELCh	17, 2.130, 278.142
Yxy	2.3168, 0.3017, 0.3154
Android (android.graphics.Color)	4280887853 (0xFF292A2D)
YUV	42.0430, 1.4578, -0.9147
Hunter-Lab	15.2211, -0.6486, -0.3027

Details

The Hex color **292A2D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D2C29**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **56575B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25272D**, and if you desaturate by 10%, it is **2E2D2D**.

Distribution



- Red (16%)
- Green (16%)
- Blue (18%)



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



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (82%)



- Cyan (84%)
- Magenta (84%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 292A2D 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 292A2D by changing the saturation by 10% instead.

■ 292A2D

■ 292A2D

FFFFFF

■ 151618

■ 56575B

■ 000000

■ 6E7073

■ 88898D

■ A2A3A7

■ BDBEC2

■ D9DADE

■ F5F7FB

■ 292A2D

■ 292A2D

■ 25272D

■ 2E2D2D

■ 20232D

■ 32312D

■ 1C202D

■ 37342D

■ 171C2D

■ 3B382D

■ 13192D

■ 403B2D

■ 0E162D

■ 443E2D

■ 0A122D

■ 49422D

■ 050F2D

■ 4D452D

■ 010C2D

■ 52482D

Harmonies

Analogous

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



272A2D



292A2D



2B2A2C

Triad

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



292A2D



2D2928



282B29

Complementary

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



292A2D



2D2C29

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.



292B28



292A2D



2C2A27

Square

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



292A2D



2D292A



2B2A27



272B2A

Rectangle

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



292A2D



2C292C



2B2A27



282B28

Sweetspot

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



292A2D



39393B



292D2C



1D1E1F



9E9E9E



1F1F1F

Same Dimension

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



292A2D



34363B



2A292D



151517



001657



0036D6

Inverse Universe

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



2D292A



3B3436



2C2D29



171515



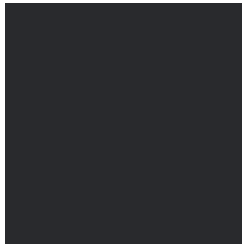
570016



D60036

Previews

White Background



This preview shows how the Hex color 292A2D looks on a white background.

Color Contrast Check

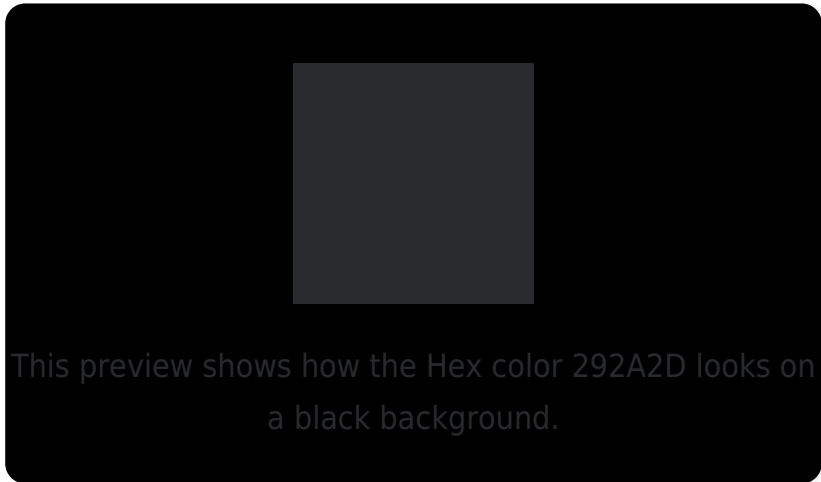
Large Text (above 18pt) WCAG AA ✓ Pass

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

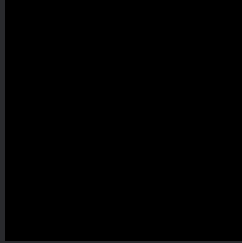
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

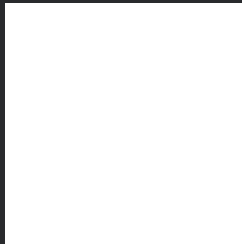
Any Text WCAG AAA × Fail

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

Hex 292A2D Background



This preview shows how black text looks on a background with the Hex color 292A2D.



This preview shows how white text looks on a background with the Hex color 292A2D.

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

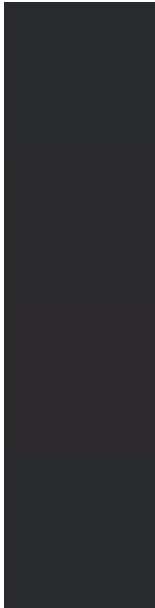


Original Color
292A2D

Protanopia
2A2A2D

Deuteranopia
2D292D

Trichromacy



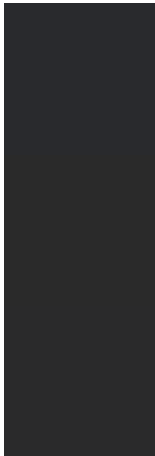
Original Color
292A2D

Protanomaly
2A2A2D

Deuteranomaly
2C292D

Tritanomaly
292A2D

Monochromacy



Original Color
292A2D

Achromatopsia
2A2A2A

Achromatomaly
2A2A2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 292A2D 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 #292A2D looks like.

```
.text, #text, p{  
    color:#292A2D  
}
```

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 #292A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292A2D
}
```

Border

The CSS property to change the border of an element to Hex 292A2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

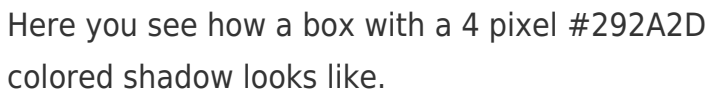
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#292A2D }
```

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

```
.border{ border-color:#292A2D }
```

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



Here you see how a box with a 4 pixel #292A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292A2D; -webkit-box-shadow:4px 4px  
4px 4px #292A2D; box-shadow:4px 4px 4px  
4px #292A2D }
```

Background

The CSS property to change the background color of an element to Hex 292A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292A2D }
```

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

```
.background{ background-color:#292A2D }
```

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