

# Converting Colors

Hex(2B292D)

Have a look what the booklet for  
Hex(2B292D) contains.

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# Color

**Hex(2B292D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B292D
RGB	43, 41, 45
RGB Percent	17%, 16%, 18%
CMY	0.8314, 0.8392, 0.8235
CMYK	0.04, 0.09, 0.00, 0.82
HSL	270°, 5%, 17%
HSV	270°, 9%, 18%
XYZ	2.2629, 2.2889, 2.8052
YIQ	42.0540, -0.0920, 1.6680

# Conversions

## Conversions Part 2

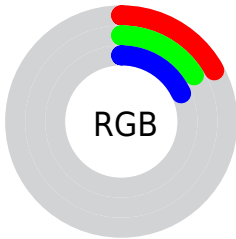
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 41, 45
Decimal	2828589
CIELab	16.94, 1.87, -2.28
CIELCh	17, 2.954, 309.374
Yxy	2.2889, 0.3076, 0.3111
Android (android.graphics.Color)	4281018669 (0xFF2B292D)
YUV	42.0540, 1.4524, 0.8296
Hunter-Lab	15.1292, 0.2219, -0.4027

# Details

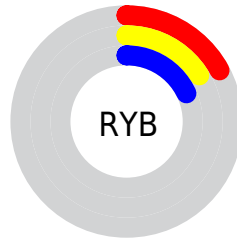
The Hex color **2B292D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2D29**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **58565B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29252D**, and if you desaturate by 10%, it is **2D2E2D**.

# Distribution



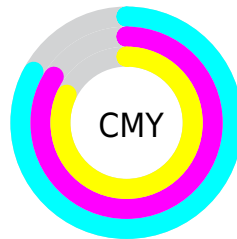
- Red (17%)
- Green (16%)
- Blue (18%)



- Red (17%)
- Yellow (16%)
- Blue (18%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (82%)



- Cyan (83%)
- Magenta (84%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B292D 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 2B292D by changing the saturation by 10% instead.



■ 2B292D

■ 2B292D

FFFFFF

■ 171518

■ 58565B

■ 000000

■ 716E73

■ 8A888D

■ A4A2A7

■ C0BDC2

■ DBD9DE

■ F8F5FB

■ 2B292D

■ 2B292D

■ 29252D

■ 2D2E2D

■ 27202D

■ 30322D

■ 241C2D

■ 32372D

■ 22172D

■ 343B2D

■ 20132D

■ 36402D

■ 1E0E2D

■ 39442D

■ 1B0A2D

■ 3B492D

■ 19052D

■ 3D4D2D

■ 17012D

■ 3F522D

# Harmonies

## Analogous

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



282A2E



2B292D



2D282B

# Triad

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



2B292D



2D2926



252B2A

# Complementary

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



2B292D



2B2D29

# 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.



262B28



2B292D



2B2A26

# Square

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



2B292D



2E2927



282A26



252B2C

# Rectangle

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



2B292D



2E282A



282A26



252B2A



# Sweetspot

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



2B292D



3A393B



292B2D



1E1D1F



9E9E9E



1F1F1F



# Same Dimension

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



2B292D



37343B



2D292D



161517



2B0057



6B00D6



# Inverse Universe

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



2D292B



3B3437



292D29



171516



57002B

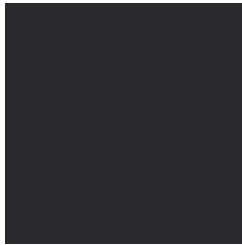


D6006B



# Previews

## White Background



This preview shows how the Hex color 2B292D looks on a white background.

## Color Contrast Check

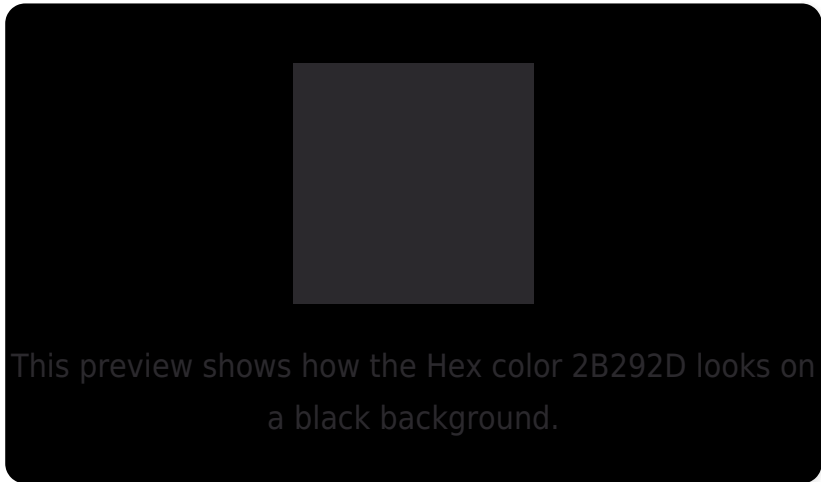
Large Text (above 18pt) WCAG AA ✓ Pass

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

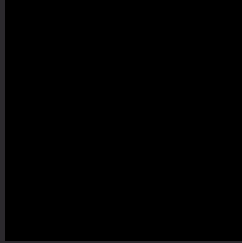
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

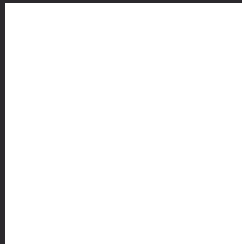
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B292D Background



This preview shows how black text looks on a background with the Hex color 2B292D.



This preview shows how white text looks on a background with the Hex color 2B292D.

# 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**  
2B292D

**Protanopia**  
29292D

**Deuteranopia**  
2C292D



**Tritanopia**  
2B292C

# Trichromacy



**Original Color**

2B292D

**Protanomaly**

2A292D

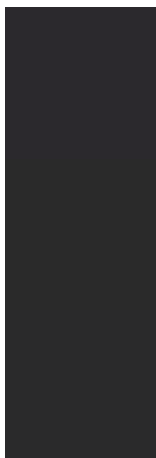
**Deuteranomaly**

2C292D

**Tritanomaly**

2B292C

# Monochromacy



**Original Color**

2B292D

**Achromatopsia**

2A2A2A

**Achromatomaly**

2A2A2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B292D 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 #2B292D looks like.

```
.text, #text, p{  
    color:#2B292D  
}
```

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 #2B292D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B292D
}
```

## Border

The CSS property to change the border of an element to Hex 2B292D is called "border". The border property can be set on classes, ids or directly on the HTML element.

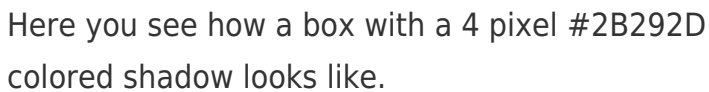
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B292D }
```

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

```
.border{ border-color:#2B292D }
```

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



Here you see how a box with a 4 pixel #2B292D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B292D; -webkit-box-shadow:4px 4px  
4px 4px #2B292D; box-shadow:4px 4px 4px  
4px #2B292D }
```

# Background

The CSS property to change the background color of an element to Hex 2B292D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B292D }
```

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

```
.background{ background-color:#2B292D }
```

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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