

Converting Colors

Hex(292E33)

Have a look what the booklet for
Hex(292E33) contains.

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Color

Hex(292E33)

Conversions

Conversions Part 1

Format	Color
Hex	292E33
RGB	41, 46, 51
RGB Percent	16%, 18%, 20%
CMY	0.8392, 0.8196, 0.8000
CMYK	0.20, 0.10, 0.00, 0.80
HSL	210°, 11%, 18%
HSV	210°, 20%, 20%
XYZ	2.4890, 2.6644, 3.5151
YIQ	45.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

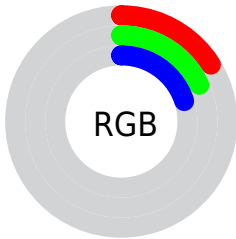
Format	Color
RYB	41, 44, 51
Decimal	2698803
CIELab	18.65, -0.86, -3.95
CIElCh	19, 4.040, 257.718
Yxy	2.6644, 0.2871, 0.3074
Android (android.graphics.Color)	4280888883 (0xFF292E33)
YUV	45.0750, 2.9210, -3.5738
Hunter-Lab	16.3231, -1.3472, -1.3416

Details

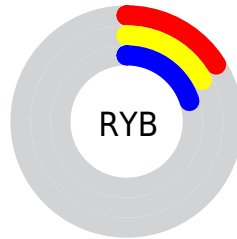
The Hex color **292E33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **332E29**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **565C61**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **242B33**, and if you desaturate by 10%, it is **2E3133**.

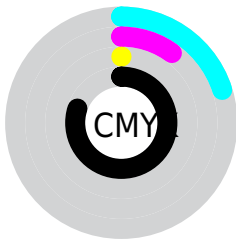
Distribution



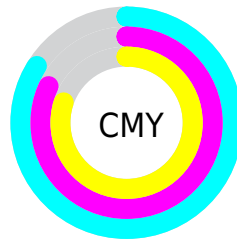
- Red (16%)
- Green (18%)
- Blue (20%)



- Red (16%)
- Yellow (17%)
- Blue (20%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 292E33 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 292E33 by changing the saturation by 10% instead.



292E33



292E33

FFFFFF



15191E



565C61



000004



6F747A



000000



888E94



A2A8AE



BDC3CA



D9DFE6



F6FCFF



292E33



292E33

■ 242B33

■ 2E3133

■ 1F2933

■ 333333

■ 1A2633

■ 383633

■ 152433

■ 3D3833

■ 102133

■ 433B33

■ 0A1F33

■ 483D33

■ 051C33

■ 4D4033

■ 001A33

■ 524233

■ 574533

Harmonies

Analogous

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



272F32



292E33



2C2D33

Triad

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



292E33



342B2C



2B2F29

Complementary

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



292E33



332E29

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.



2E2E28



292E33



332C29

Square

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



292E33



332C2F



312D28



282F2C

Rectangle

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



292E33



2F2C32



312D28



2C2E29

Sweetspot

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



292E33



3E4042



29332E



1F2021



A1A1A1



212121

Same Dimension

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



292E33



323A42



292933



17181A



002D59



006CD9

Inverse Universe

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



33292E



42323A



333329



1A1718



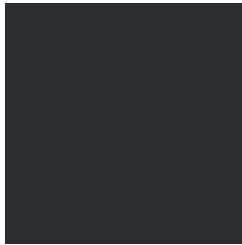
59002D



D9006C

Previews

White Background



This preview shows how the Hex color 292E33 looks on a white background.

Color Contrast Check

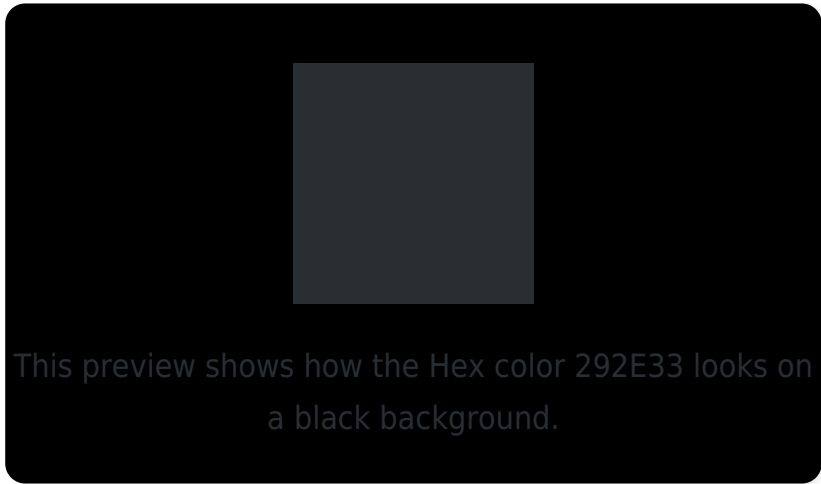
Large Text (above 18pt) WCAG AA ✓ Pass

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

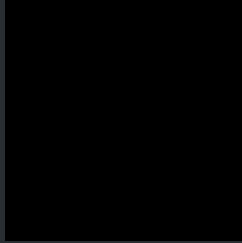
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

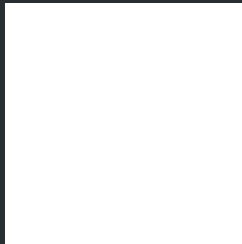
Any Text WCAG AAA × Fail

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

Hex 292E33 Background



This preview shows how black text looks on a background with the Hex color 292E33.

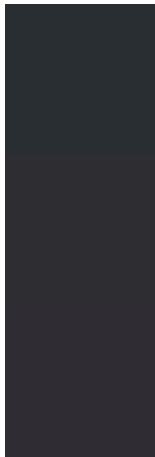


This preview shows how white text looks on a background with the Hex color 292E33.

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
292E33

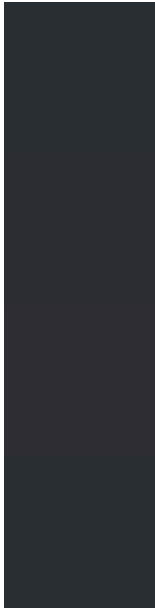
Protanopia
2D2D32

Deuteranopia
2F2C33



Tritanopia
292E32

Trichromacy



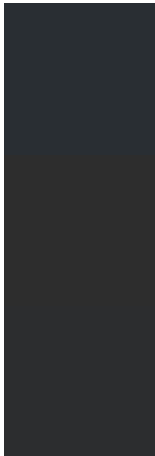
Original Color
292E33

Protanomaly
2C2D32

Deuteranomaly
2D2D33

Tritanomaly
292E32

Monochromacy



Original Color
292E33

Achromatopsia
2D2D2D

Achromatomaly
2C2D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 292E33 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 #292E33 looks like.

```
.text, #text, p{  
    color:#292E33  
}
```

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 #292E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292E33
}
```

Border

The CSS property to change the border of an element to Hex 292E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

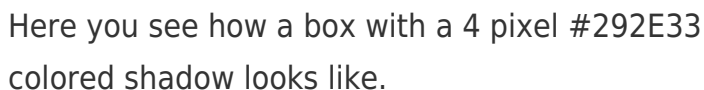
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#292E33 }
```

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

```
.border{ border-color:#292E33 }
```

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



Here you see how a box with a 4 pixel #292E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292E33; -webkit-box-shadow:4px 4px  
4px 4px #292E33; box-shadow:4px 4px 4px  
4px #292E33 }
```

Background

The CSS property to change the background color of an element to Hex 292E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292E33 }
```

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

```
.background{ background-color:#292E33 }
```

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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