

Converting Colors

Hex(282F33)

Have a look what the booklet for
Hex(282F33) contains.

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Color

Hex(282F33)

Conversions

Conversions Part 1

Format	Color
Hex	282F33
RGB	40, 47, 51
RGB Percent	16%, 18%, 20%
CMY	0.8431, 0.8157, 0.8000
CMYK	0.22, 0.08, 0.00, 0.80
HSL	202°, 12%, 18%
HSV	202°, 22%, 20%
XYZ	2.4891, 2.7232, 3.5264
YIQ	45.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

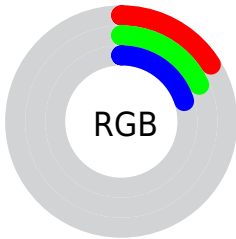
Format	Color
RYB	40, 44, 51
Decimal	2633523
CIELab	18.90, -1.95, -3.58
CIElCh	19, 4.075, 241.472
Yxy	2.7232, 0.2848, 0.3116
Android (android.graphics.Color)	4280823603 (0xFF282F33)
YUV	45.3630, 2.7790, -4.7034
Hunter-Lab	16.5020, -1.9540, -1.1186

Details

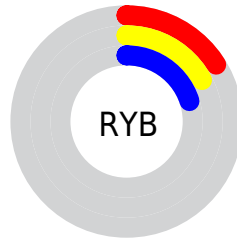
The Hex color **282F33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **332C28**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **555D61**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **232D33**, and if you desaturate by 10%, it is **2D3133**.

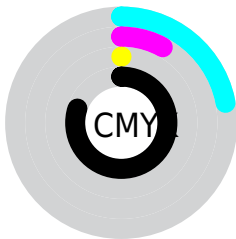
Distribution



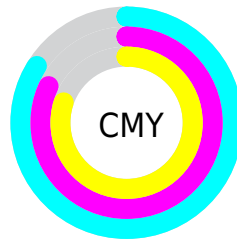
- Red (16%)
- Green (18%)
- Blue (20%)



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



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 282F33 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 282F33 by changing the saturation by 10% instead.

■ 282F33

■ 282F33

FFFFFF

■ 141A1E

■ 555D61

■ 000004

■ 6E757A

■ 000000

■ 878F94

■ A1A9AE

■ BCC5CA

■ D8E1E6

■ F4FDFD

■ 282F33

■ 282F33

■ 232D33

■ 2D3133

■ 1E2B33

■ 323333

■ 192933

■ 373533

■ 142833

■ 3C3633

■ 0E2633

■ 423833

■ 092433

■ 473A33

■ 042233

■ 4C3C33

■ 002033

■ 513E33

■ 564033

Harmonies

Analogous

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



273031



282F33



2B2E34

Triad

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



282F33



342C2E



2D2F29

Complementary

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



282F33



332C28

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.



302E28



282F33



342C2B

Square

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



282F33



322C31



332D29



2A2F2B

Rectangle

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



282F33



2D2D33



332D29



2E2E28

Sweetspot

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



282F33



3E4142



28332C



1F2021



A1A1A1



212121

Same Dimension

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



282F33



313C42



282A33



17191A



003959



008AD9

Inverse Universe

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



33282F



42313C



333128



1A1719



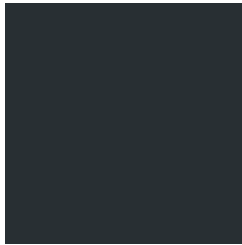
590039



D9008A

Previews

White Background



This preview shows how the Hex color 282F33 looks on a white background.

Color Contrast Check

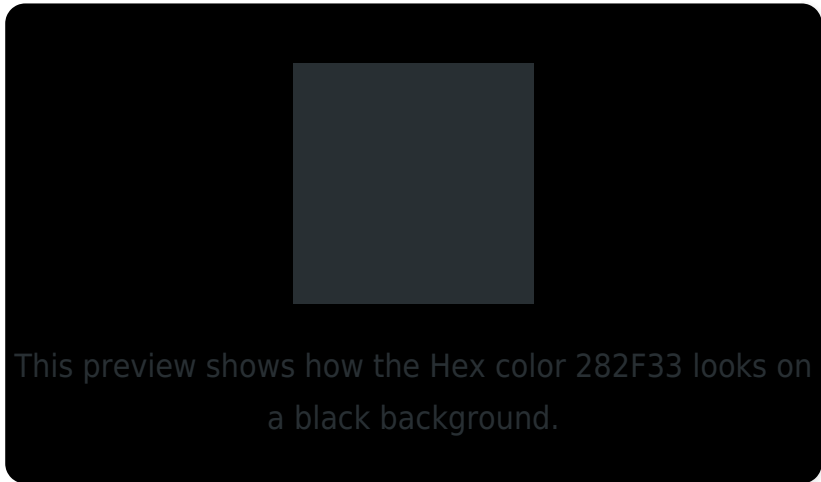
Large Text (above 18pt) WCAG AA ✓ Pass

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

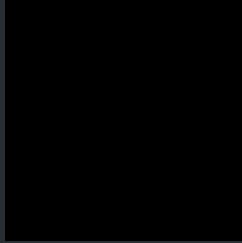
Any Text WCAG AA × Fail

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 282F33 Background



This preview shows how black text looks on a background with the Hex color 282F33.



This preview shows how white text looks on a background with the Hex color 282F33.

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
282F33

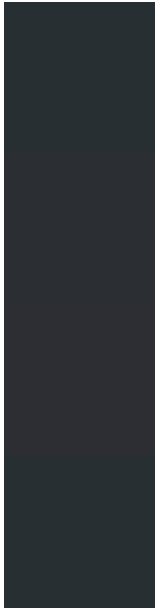
Protanopia
2D2E32

Deuteranopia
302D33



Tritanopia
282F33

Trichromacy



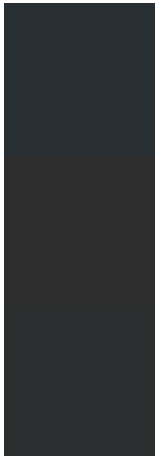
Original Color
282F33

Protanomaly
2B2E32

Deuteranomaly
2D2E33

Tritanomaly
282F33

Monochromacy



Original Color
282F33

Achromatopsia
2D2D2D

Achromatomaly
2B2E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 282F33 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 #282F33 looks like.

```
.text, #text, p{  
    color:#282F33  
}
```

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 #282F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282F33
}
```

Border

The CSS property to change the border of an element to Hex 282F33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

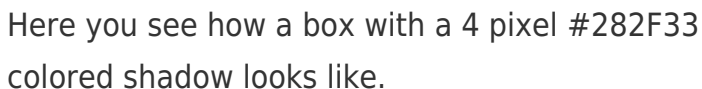
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282F33 }
```

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

```
.border{ border-color:#282F33 }
```

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



Here you see how a box with a 4 pixel #282F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282F33; -webkit-box-shadow:4px 4px  
4px 4px #282F33; box-shadow:4px 4px 4px  
4px #282F33 }
```

Background

The CSS property to change the background color of an element to Hex 282F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282F33 }
```

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

```
.background{ background-color:#282F33 }
```

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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