

Converting Colors

Hex(282D31)

Have a look what the booklet for
Hex(282D31) contains.

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Color

Hex(282D31)

Conversions

Conversions Part 1

Format	Color
Hex	282D31
RGB	40, 45, 49
RGB Percent	16%, 18%, 19%
CMY	0.8431, 0.8235, 0.8078
CMYK	0.18, 0.08, 0.00, 0.81
HSL	207°, 10%, 17%
HSV	207°, 18%, 19%
XYZ	2.3678, 2.5496, 3.2731
YIQ	43.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

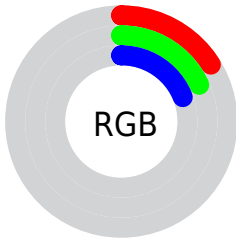
Format	Color
RYB	40, 43, 49
Decimal	2633009
CIELab	18.14, -1.13, -3.32
CIElCh	18, 3.509, 251.172
Yxy	2.5496, 0.2891, 0.3113
Android (android.graphics.Color)	4280823089 (0xFF282D31)
YUV	43.9610, 2.4842, -3.4738
Hunter-Lab	15.9676, -1.4735, -0.9760

Details

The Hex color **282D31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312C28**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **555B5F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **232B31**, and if you desaturate by 10%, it is **2D2F31**.

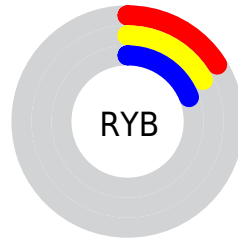
Distribution



Red (16%)

Green (18%)

Blue (19%)



Red (16%)

Yellow (17%)

Blue (19%)

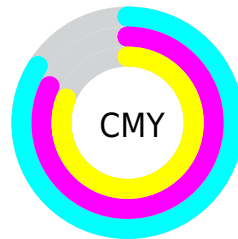


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (81%)



Cyan (84%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282D31 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 282D31 by changing the saturation by 10% instead.

■ 282D31

■ 282D31

FFFFFF

■ 14181C

■ 555B5F

■ 000000

■ 6D7378

■ 878D91

■ A1A7AC

■ BCC2C7

■ D8DEE3

■ F4FBFF

■ 282D31

■ 282D31

■ 232B31

■ 2D2F31

■ 1E2931

■ 323131

■ 192631

■ 373431

■ 142431

■ 3C3631

■ 102231

■ 413831

■ 0B2031

■ 453A31

■ 061E31

■ 4A3C31

■ 011C31

■ 4F3E31

■ 001B31

■ 544131

Harmonies

Analogous

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



262E30



282D31



2B2C31

Triad

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



282D31



322B2B



2A2D28

Complementary

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



282D31



312C28

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.



2D2C27



282D31



322B29

Square

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



282D31



302B2E



302C28



282E2B

Rectangle

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



282D31



2D2C31



302C28



2B2D28

Sweetspot

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



282D31



3C3E40



28312C



1F2021



A1A1A1



212121

Same Dimension

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



282D31



323A40



282931



17181A



003259



0078D9

Inverse Universe

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



31282D



40323A



313028



1A1718



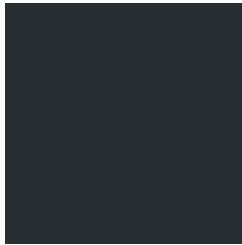
590032



D90078

Previews

White Background



This preview shows how the Hex color 282D31 looks on a white background.

Color Contrast Check

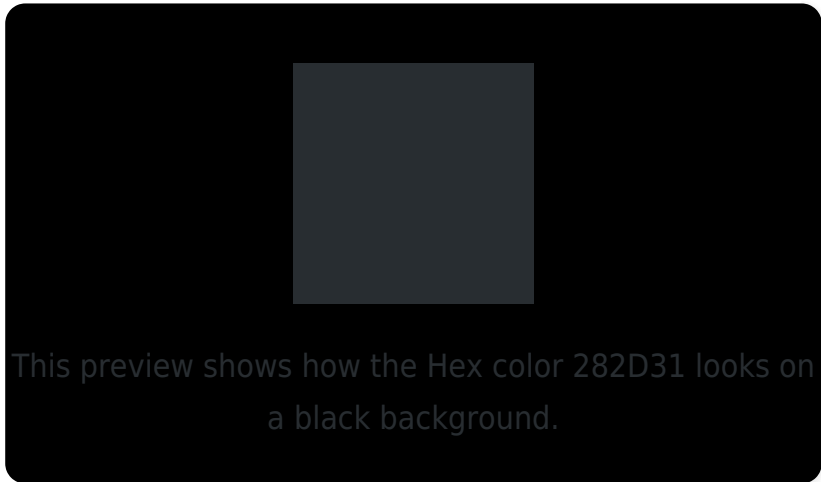
Large Text (above 18pt) WCAG AA ✓ Pass

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

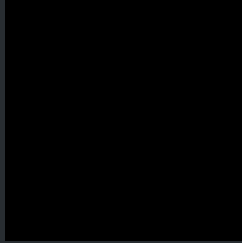
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

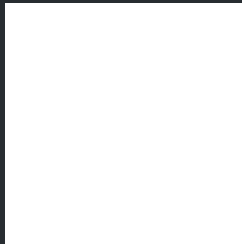
Any Text WCAG AAA × Fail

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

Hex 282D31 Background



This preview shows how black text looks on a background with the Hex color 282D31.



This preview shows how white text looks on a background with the Hex color 282D31.

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
282D31

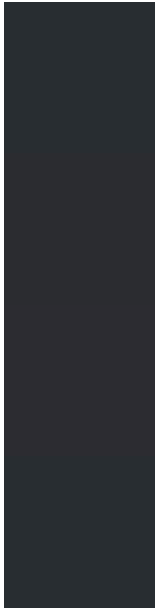
Protanopia
2C2C30

Deuteranopia
2E2B31



Tritanopia
282D31

Trichromacy



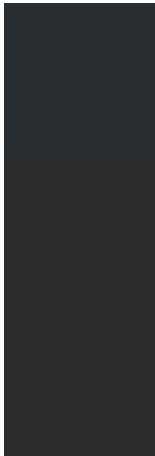
Original Color
282D31

Protanomaly
2B2C30

Deuteranomaly
2C2C31

Tritanomaly
282D31

Monochromacy



Original Color
282D31

Achromatopsia
2C2C2C

Achromatomaly
2B2C2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 282D31 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 #282D31 looks like.

```
.text, #text, p{  
    color:#282D31  
}
```

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 #282D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282D31
}
```

Border

The CSS property to change the border of an element to Hex 282D31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

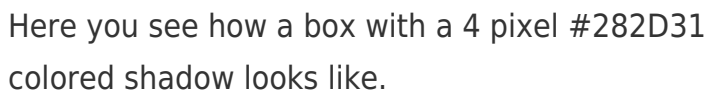
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282D31 }
```

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

```
.border{ border-color:#282D31 }
```

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



Here you see how a box with a 4 pixel #282D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282D31; -webkit-box-shadow:4px 4px  
4px 4px #282D31; box-shadow:4px 4px 4px  
4px #282D31 }
```

Background

The CSS property to change the background color of an element to Hex 282D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282D31 }
```

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

```
.background{ background-color:#282D31 }
```

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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