

Converting Colors

Hex(282F30)

Have a look what the booklet for
Hex(282F30) contains.

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Color

Hex(282F30)

Conversions

Conversions Part 1

Format	Color
Hex	282F30
RGB	40, 47, 48
RGB Percent	16%, 18%, 19%
CMY	0.8431, 0.8157, 0.8118
CMYK	0.17, 0.02, 0.00, 0.81
HSL	187°, 9%, 17%
HSV	187°, 17%, 19%
XYZ	2.4251, 2.6975, 3.1892
YIQ	45.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

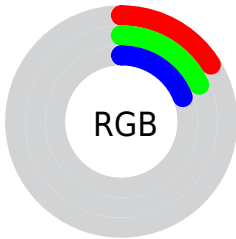
Format	Color
R_{YB}	40, 44, 48
Decimal	2633520
CIE _{Lab}	18.79, -2.76, -1.67
CIE _{LCh}	19, 3.223, 211.180
Yxy	2.6975, 0.2918, 0.3245
Android (android.graphics.Color)	4280823600 (0xFF282F30)
YUV	45.0210, 1.4686, -4.4034
Hunter-Lab	16.4242, -2.3863, -0.0157

Details

The Hex color **282F30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302928**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **555D5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **232E30**, and if you desaturate by 10%, it is **2D3030**.

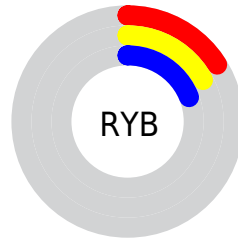
Distribution



Red (16%)

Green (18%)

Blue (19%)



Red (16%)

Yellow (17%)

Blue (19%)

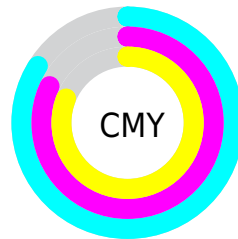


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (81%)



Cyan (84%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282F30 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 282F30 by changing the saturation by 10% instead.

■ 282F30

■ 282F30

FFFFFF

■ 141A1B

■ 555D5E

■ 000000

■ 6D7577

■ 878F90

■ A1A9AB

■ BCC5C6

■ D8E1E2

■ F4FDFD

■ 282F30

■ 282F30

■ 232E30

■ 2D3030

■ 1E2E30

■ 323030

■ 1A2D30

■ 363130

■ 152D30

■ 3B3130

■ 102C30

■ 403230

■ 0B2B30

■ 453330

■ 062B30

■ 4A3330

■ 022A30

■ 4E3430

■ 002A30

■ 533430

Harmonies

Analogous

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



282F2E



282F30



292F32

Triad

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



282F30



312C30



302E29

Complementary

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



282F30



302928

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.



322D2A



282F30



322C2E

Square

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



282F30



2E2D32



332C2B



2D2E2A

Rectangle

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



282F30



2B2E32



332C2B



302D29

Sweetspot

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



282F30



3A3D3D



283029



1D1E1F



9E9E9E



1F1F1F

Same Dimension

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



282F30



313C3D



282B30



151717



004C57



00BBD6

Inverse Universe

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



30282F



3D313C



302D28



171517



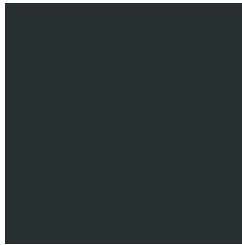
57004C



D600BB

Previews

White Background



This preview shows how the Hex color 282F30 looks on a white background.

Color Contrast Check

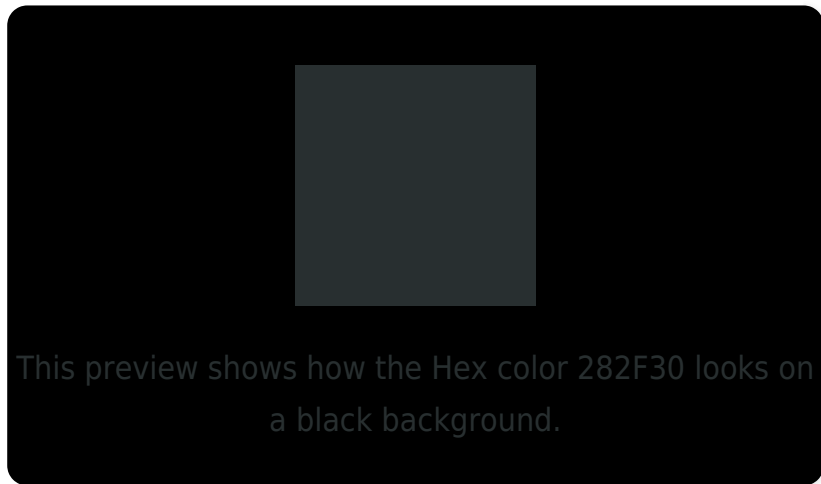
Large Text (above 18pt) WCAG AA ✓ Pass

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

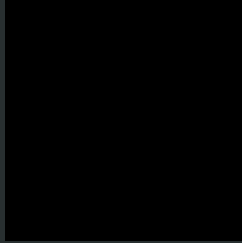
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

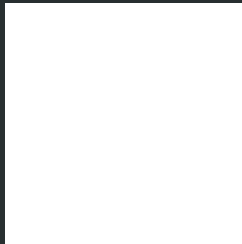
Any Text WCAG AAA × Fail

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

Hex 282F30 Background



This preview shows how black text looks on a background with the Hex color 282F30.

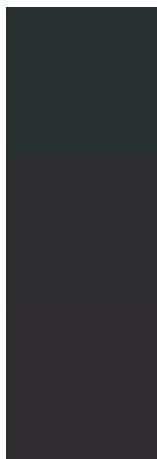


This preview shows how white text looks on a background with the Hex color 282F30.

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
282F30

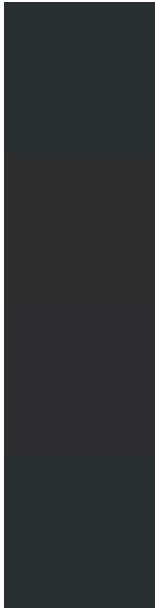
Protanopia
2E2D2F

Deuteranopia
312C31



Tritanopia
282F32

Trichromacy



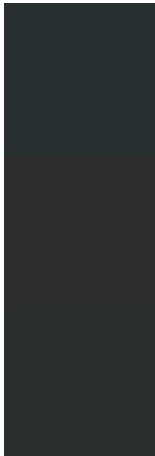
Original Color
282F30

Protanomaly
2C2E2F

Deuteranomaly
2E2D31

Tritanomaly
282F31

Monochromacy



Original Color
282F30

Achromatopsia
2D2D2D

Achromatomaly
2B2E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 282F30 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 #282F30 looks like.

```
.text, #text, p{  
    color:#282F30  
}
```

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 #282F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282F30
}
```

Border

The CSS property to change the border of an element to Hex 282F30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

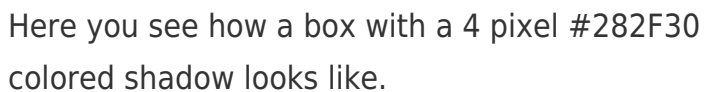
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282F30 }
```

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

```
.border{ border-color:#282F30 }
```

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



Here you see how a box with a 4 pixel #282F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282F30; -webkit-box-shadow:4px 4px  
4px 4px #282F30; box-shadow:4px 4px 4px  
4px #282F30 }
```

Background

The CSS property to change the background color of an element to Hex 282F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282F30 }
```

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

```
.background{ background-color:#282F30 }
```

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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