

Converting Colors

Hex(282E30)

Have a look what the booklet for
Hex(282E30) contains.

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Color

Hex(282E30)

Conversions

Conversions Part 1

Format	Color
Hex	282E30
RGB	40, 46, 48
RGB Percent	16%, 18%, 19%
CMY	0.8431, 0.8196, 0.8118
CMYK	0.17, 0.04, 0.00, 0.81
HSL	195°, 9%, 17%
HSV	195°, 17%, 19%
XYZ	2.3856, 2.6185, 3.1760
YIQ	44.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

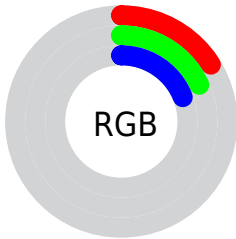
Format	Color
RYB	40, 43, 48
Decimal	2633264
CIELab	18.45, -2.08, -2.18
CIELCh	18, 3.011, 226.252
Yxy	2.6185, 0.2916, 0.3201
Android (android.graphics.Color)	4280823344 (0xFF282E30)
YUV	44.4340, 1.7580, -3.8886
Hunter-Lab	16.1818, -2.0032, -0.3096

Details

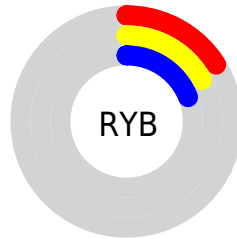
The Hex color **282E30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302A28**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **555C5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **232D30**, and if you desaturate by 10%, it is **2D2F30**.

Distribution



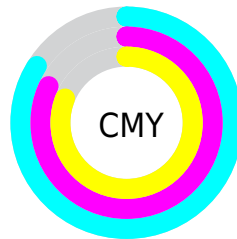
- Red (16%)
- Green (18%)
- Blue (19%)



- Red (16%)
- Yellow (17%)
- Blue (19%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (81%)



- Cyan (84%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282E30 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 282E30 by changing the saturation by 10% instead.

■ 282E30

■ 282E30

FFFFFF

■ 14191B

■ 555C5E

■ 000000

■ 6D7477

■ 878E90

■ A1A8AB

■ BCC3C6

■ D8DFE2

■ F4FCFF

■ 282E30

■ 282E30

■ 232D30

■ 2D2F30

■ 1E2C30

■ 323030

■ 1A2A30

■ 363230

■ 152930

■ 3B3330

■ 102830

■ 403430

■ 0B2730

■ 453530

■ 062630

■ 4A3630

■ 022430

■ 4E3830

■ 002430

■ 533930

Harmonies

Analogous

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



282E2E



282E30



2A2D31

Triad

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



282E30



312C2E



2E2D29

Complementary

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



282E30



302A28

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.



302C29



282E30



322C2C

Square

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



282E30



2F2C30



312C2A



2B2E2A

Rectangle

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



282E30



2B2D31



312C2A



2E2D29

Sweetspot

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



282E30



3A3C3D



28302A



1D1E1F



9E9E9E



1F1F1F

Same Dimension

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



282E30



313A3D



282A30



151617



004157



00A1D6

Inverse Universe

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



30282E



3D313A



302E28



171516



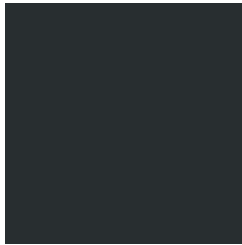
570041



D600A1

Previews

White Background



This preview shows how the Hex color 282E30 looks on a white background.

Color Contrast Check

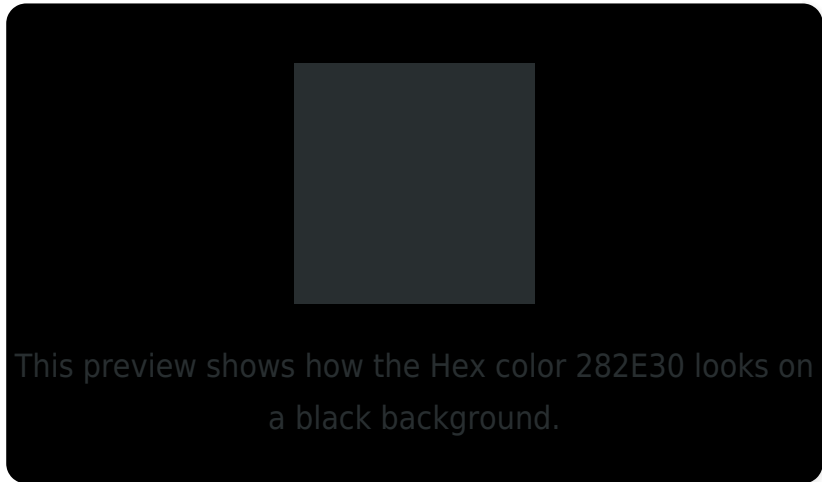
Large Text (above 18pt) WCAG AA ✓ Pass

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

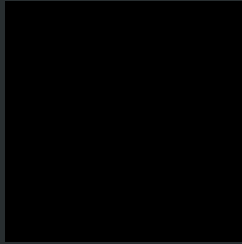
Any Text WCAG AA × Fail

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 282E30 Background



This preview shows how black text looks on a background with the Hex color 282E30.

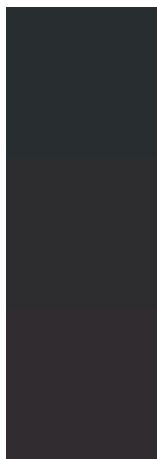


This preview shows how white text looks on a background with the Hex color 282E30.

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
282E30

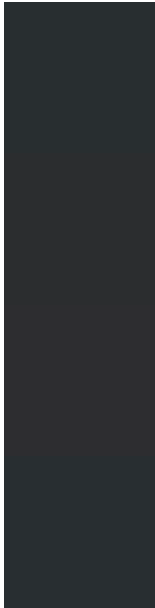
Protanopia
2D2D2F

Deuteranopia
302C30



Tritanopia
282E31

Trichromacy



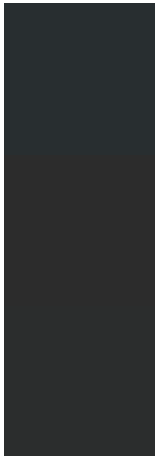
Original Color
282E30

Protanomaly
2B2D2F

Deuteranomaly
2D2D30

Tritanomaly
282E31

Monochromacy



Original Color
282E30

Achromatopsia
2C2C2C

Achromatomaly
2B2D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 282E30 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 #282E30 looks like.

```
.text, #text, p{  
    color:#282E30  
}
```

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 #282E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282E30
}
```

Border

The CSS property to change the border of an element to Hex 282E30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

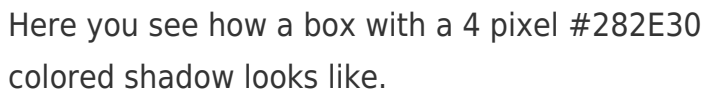
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282E30 }
```

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

```
.border{ border-color:#282E30 }
```

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



Here you see how a box with a 4 pixel #282E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282E30; -webkit-box-shadow:4px 4px  
4px 4px #282E30; box-shadow:4px 4px 4px  
4px #282E30 }
```

Background

The CSS property to change the background color of an element to Hex 282E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282E30 }
```

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

```
.background{ background-color:#282E30 }
```

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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