

Converting Colors

Hex(282A33)

Have a look what the booklet for
Hex(282A33) contains.

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Color

Hex(282A33)

Conversions

Conversions Part 1

Format	Color
Hex	282A33
RGB	40, 42, 51
RGB Percent	16%, 16%, 20%
CMY	0.8431, 0.8353, 0.8000
CMYK	0.22, 0.18, 0.00, 0.80
HSL	229°, 12%, 18%
HSV	229°, 22%, 20%
XYZ	2.3006, 2.3461, 3.4635
YIQ	42.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

Format	Color
R_{YB}	40, 42, 51
Decimal	2632243
CIE Lab	17.21, 1.50, -6.12
CIE LCh	17, 6.296, 283.758
Yxy	2.3461, 0.2837, 0.2893
Android (android.graphics.Color)	4280822323 (0xFF282A33)
YUV	42.4280, 4.2260, -2.1294
Hunter-Lab	15.3169, 0.0060, -2.6852

Details

The Hex color **282A33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **333128**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **555761**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **232633**, and if you desaturate by 10%, it is **2D2E33**.

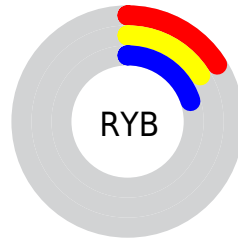
Distribution



Red (16%)

Green (16%)

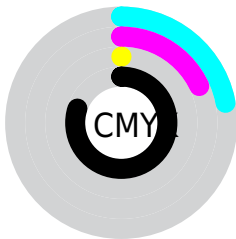
Blue (20%)



Red (16%)

Yellow (16%)

Blue (20%)

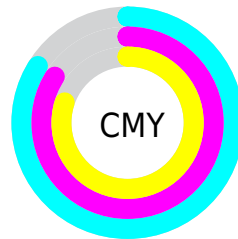


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (80%)



Cyan (84%)

Magenta (84%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282A33 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 282A33 by changing the saturation by 10% instead.

■ 282A33

■ 282A33

FFFFFF

■ 14161E

■ 555761

■ 000003

■ 6D707A

■ 000000

■ 878994

■ A1A3AE

■ BCBECA

■ D8DAE6

■ F4F6FF

■ 282A33

■ 282A33

■ 232633

■ 2D2E33

■ 1E2233

■ 323233

■ 191D33

■ 373733

■ 141933

■ 3C3B33

■ 0E1533

■ 423F33

■ 091133

■ 474333

■ 040D33

■ 4C4733

■ 000933

■ 514B33

■ 565033

Harmonies

Analogous

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



222B33



282A33



2E2931

Triad

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



282A33



332824



222D28

Complementary

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



282A33



333128

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.



272C24



282A33



302922

Square

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



282A33



342728



2C2B22



1F2D2C

Rectangle

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



282A33



31282E



2C2B22



232D26

Sweetspot

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



282A33



3E3F42



283331



1F1F21



A1A1A1



212121

Same Dimension

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



282A33



313442



2B2833



17171A



001059



0027D9

Inverse Universe

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



33282A



423134



303328



1A1717



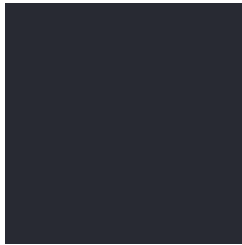
590010



D90027

Previews

White Background



This preview shows how the Hex color 282A33 looks on a white background.

Color Contrast Check

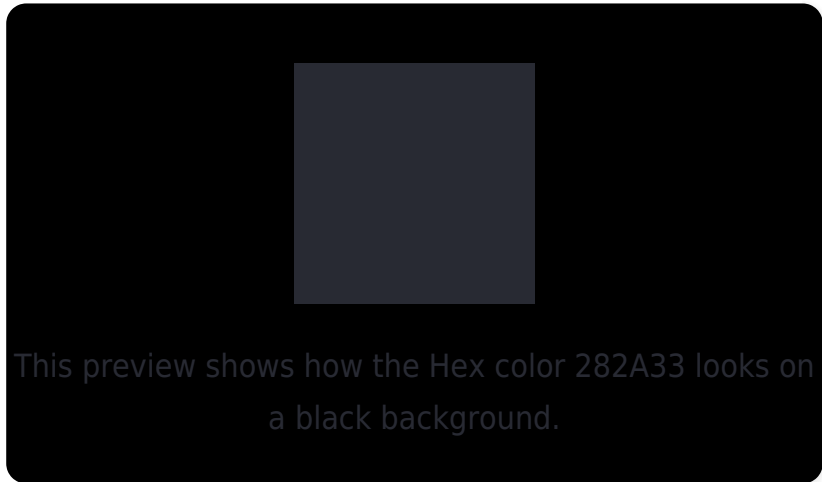
Large Text (above 18pt) WCAG AA ✓ Pass

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

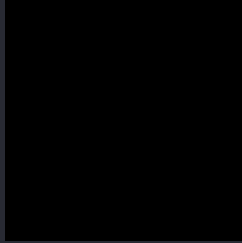
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

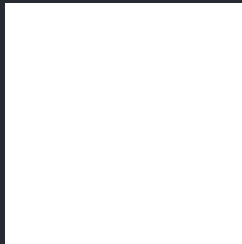
Any Text WCAG AAA × Fail

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

Hex 282A33 Background



This preview shows how black text looks on a background with the Hex color 282A33.



This preview shows how white text looks on a background with the Hex color 282A33.

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
282A33

Protanopia
282A33

Deuteranopia
2A2933



Tritanopia
272B2E

Trichromacy



Original Color
282A33

Protanomaly
282A33

Deuteranomaly
292933

Tritanomaly
272B30

Monochromacy



Original Color
282A33

Achromatopsia
2A2A2A

Achromatomaly
292A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 282A33 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 #282A33 looks like.

```
.text, #text, p{  
    color:#282A33  
}
```

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 #282A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282A33
}
```

Border

The CSS property to change the border of an element to Hex 282A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

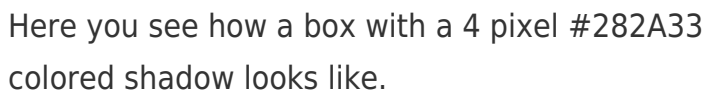
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282A33 }
```

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

```
.border{ border-color:#282A33 }
```

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



Here you see how a box with a 4 pixel #282A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282A33; -webkit-box-shadow:4px 4px  
4px 4px #282A33; box-shadow:4px 4px 4px  
4px #282A33 }
```

Background

The CSS property to change the background color of an element to Hex 282A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282A33 }
```

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

```
.background{ background-color:#282A33 }
```

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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