

Converting Colors

Hex(283133)

Have a look what the booklet for
Hex(283133) contains.

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Color

Hex(283133)

Conversions

Conversions Part 1

Format	Color
Hex	283133
RGB	40, 49, 51
RGB Percent	16%, 19%, 20%
CMY	0.8431, 0.8078, 0.8000
CMYK	0.22, 0.04, 0.00, 0.80
HSL	191°, 12%, 18%
HSV	191°, 22%, 20%
XYZ	2.5709, 2.8868, 3.5537
YIQ	46.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

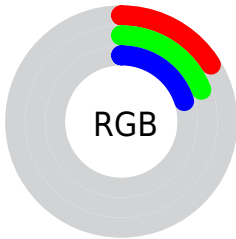
Format	Color
RYB	40, 45, 51
Decimal	2634035
CIELab	19.58, -3.29, -2.56
CIElCh	20, 4.171, 217.903
Yxy	2.8868, 0.2853, 0.3203
Android (android.graphics.Color)	4280824115 (0xFF283133)
YUV	46.5370, 2.2003, -5.7329
Hunter-Lab	16.9905, -2.7234, -0.5076

Details

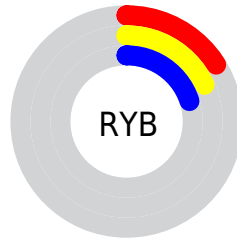
The Hex color **283133** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **332A28**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **555F61**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **233033**, and if you desaturate by 10%, it is **2D3233**.

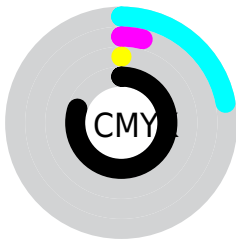
Distribution



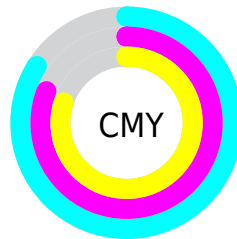
- Red (16%)
- Green (19%)
- Blue (20%)



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



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283133 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 283133 by changing the saturation by 10% instead.

■ 283133

■ 283133

FFFFFF

■ 141C1E

■ 555F61

■ 000004

■ 6E787A

■ 000000

■ 879194

■ A1ACAE

■ BCC7CA

■ D8E3E6

■ F4FFFF

■ 283133

■ 283133

■ 233033

■ 2D3233

■ 1E2F33

■ 323333

■ 192E33

■ 373433

■ 142D33

■ 3C3533

■ 0E2C33

■ 423633

■ 092B33

■ 473733

■ 042B33

■ 4C3733

■ 002A33

■ 513833

■ 563933

Harmonies

Analogous

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



283130



283133



2A3035

Triad

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



283133



342E32



312F29

Complementary

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



283133



332A28

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.



342E2A



283133



362D2F

Square

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



283133



312E34



362E2C



2E302B

Rectangle

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



283133



2C3035



362E2C



322F29

Sweetspot

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



283133



3E4242



28332A



1F2121



A1A1A1



212121

Same Dimension

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



283133



313F42



282C33



17191A



004959



00B1D9

Inverse Universe

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



332831



42313F



332F28



1A1719



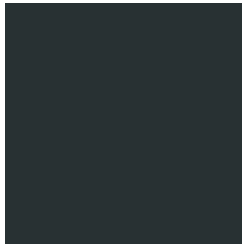
590049



D900B1

Previews

White Background



This preview shows how the Hex color 283133 looks on a white background.

Color Contrast Check

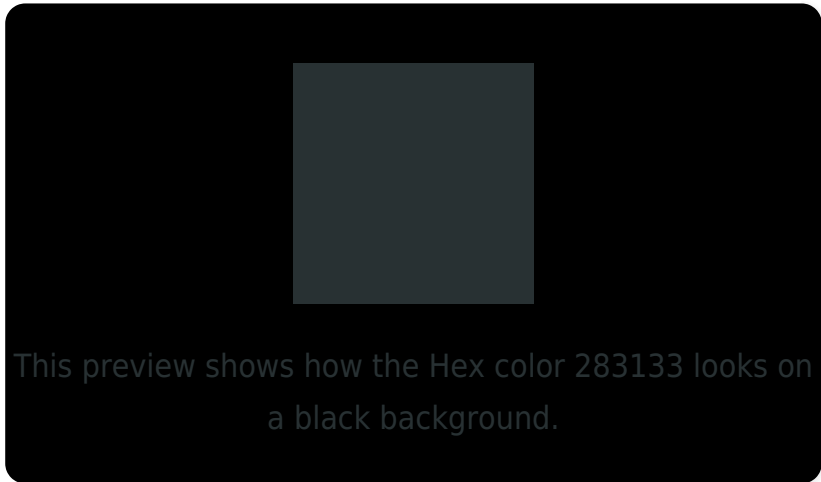
Large Text (above 18pt) WCAG AA ✓ Pass

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

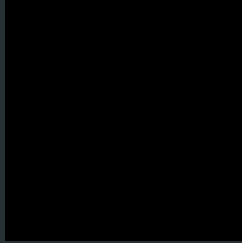
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

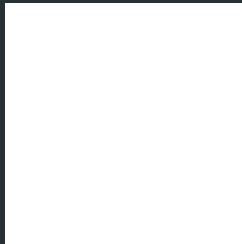
Any Text WCAG AAA × Fail

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

Hex 283133 Background



This preview shows how black text looks on a background with the Hex color 283133.



This preview shows how white text looks on a background with the Hex color 283133.

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](#).

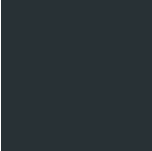
Dichromacy



Original Color
283133

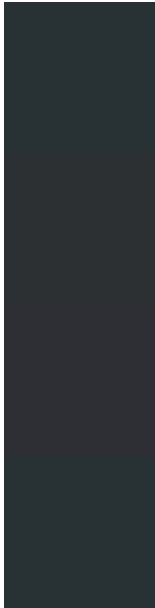
Protanopia
2F2F32

Deuteranopia
322E34



Tritanopia
283135

Trichromacy



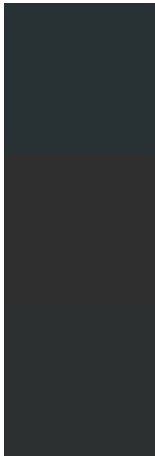
Original Color
283133

Protanomaly
2C3032

Deuteranomaly
2E2F34

Tritanomaly
283134

Monochromacy



Original Color
283133

Achromatopsia
2F2F2F

Achromatomaly
2C3030

CSS Examples

Text

The CSS property to change the color of the text to Hex 283133 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 #283133 looks like.

```
.text, #text, p{  
    color:#283133  
}
```

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 #283133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283133
}
```

Border

The CSS property to change the border of an element to Hex 283133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

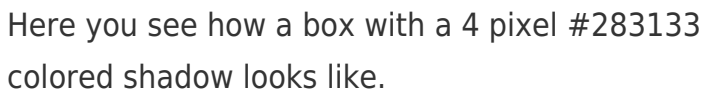
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283133 }
```

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

```
.border{ border-color:#283133 }
```

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



Here you see how a box with a 4 pixel #283133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283133; -webkit-box-shadow:4px 4px  
4px 4px #283133; box-shadow:4px 4px 4px  
4px #283133 }
```

Background

The CSS property to change the background color of an element to Hex 283133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283133 }
```

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

```
.background{ background-color:#283133 }
```

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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