

Converting Colors

Hex(283139)

Have a look what the booklet for
Hex(283139) contains.

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Color

Hex(283139)

Conversions

Conversions Part 1

Format	Color
Hex	283139
RGB	40, 49, 57
RGB Percent	16%, 19%, 22%
CMY	0.8431, 0.8078, 0.7765
CMYK	0.30, 0.14, 0.00, 0.78
HSL	208°, 18%, 19%
HSV	208°, 30%, 22%
XYZ	2.7119, 2.9431, 4.2960
YIQ	47.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

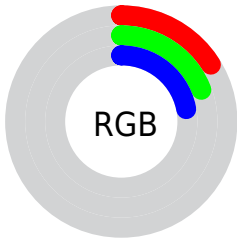
Format	Color
RYB	40, 46, 57
Decimal	2634041
CIELab	19.81, -1.59, -6.34
CIELCh	20, 6.534, 255.929
Yxy	2.9431, 0.2725, 0.2958
Android (android.graphics.Color)	4280824121 (0xFF283139)
YUV	47.2210, 4.8210, -6.3328
Hunter-Lab	17.1556, -1.8056, -2.8383

Details

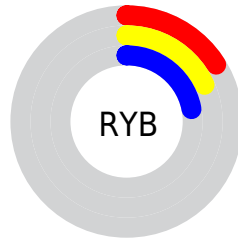
The Hex color **283139** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393028**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **555F68**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **222E39**, and if you desaturate by 10%, it is **2E3439**.

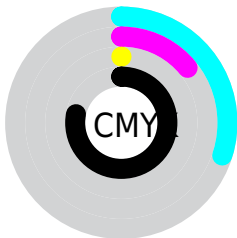
Distribution



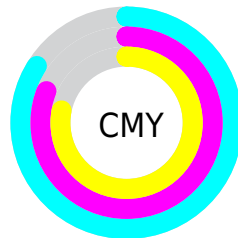
- Red (16%)
- Green (19%)
- Blue (22%)



- Red (16%)
- Yellow (18%)
- Blue (22%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283139 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 283139 by changing the saturation by 10% instead.

■ 283139

■ 283139

FFFFFF

■ 131C23

■ 555F68

■ 00010E

■ 6E7881

■ 000000

■ 87919B

■ A2ACB6

■ BDC7D1

■ D8E3EE

■ F5FFFF

■ 283139

■ 283139

■ 222E39

■ 2E3439

■ 1D2C39

■ 333639

■ 172939

■ 393939

■ 112639

■ 3F3C39

■ 0C2439

■ 453E39

■ 062139

■ 4A4139

■ 001E39

■ 504439

■ 564639

■ 5B4939

Harmonies

Analogous

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



243237



283139



2E2F39

Triad

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



283139



3A2D2D



2C3229

Complementary

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



283139



393028

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.



313027



283139



392D29

Square

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



283139



382D32



362F27



27332D

Rectangle

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



283139



322E38



362F27



2D3128

Sweetspot

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



283139



43474A



283930



222426



A6A6A6



262626

Same Dimension

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



283139



2F3D4A



282939



191B1C



00315C



0074DB

Inverse Universe

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



392831



4A2F3D



393828



1C191B



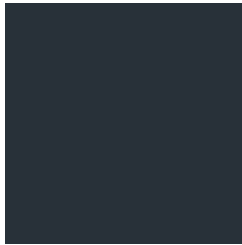
5C0031



DB0074

Previews

White Background



This preview shows how the Hex color 283139 looks on a white background.

Color Contrast Check

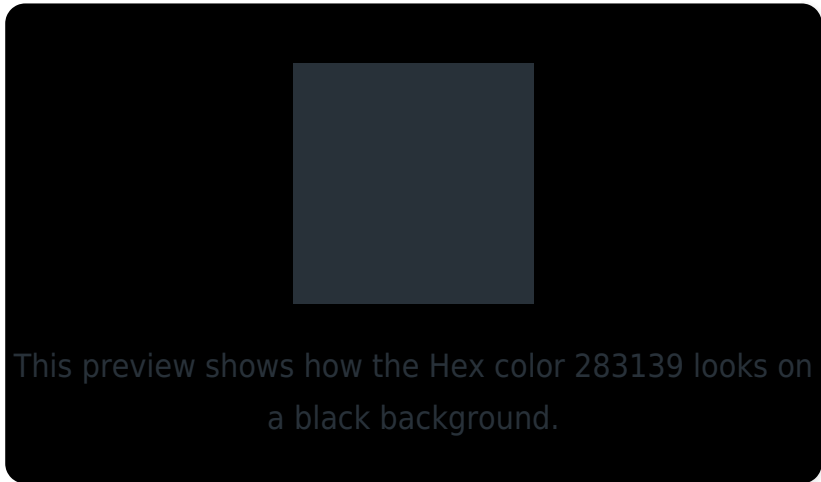
Large Text (above 18pt) WCAG AA ✓ Pass

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

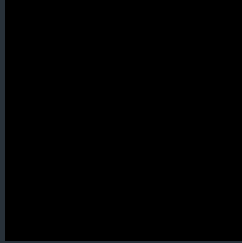
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

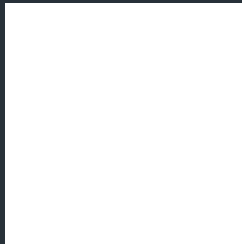
Any Text WCAG AAA × Fail

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

Hex 283139 Background



This preview shows how black text looks on a background with the Hex color 283139.



This preview shows how white text looks on a background with the Hex color 283139.

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
283139

Protanopia
2E2F38

Deuteranopia
302F39



Tritanopia
273236

Trichromacy



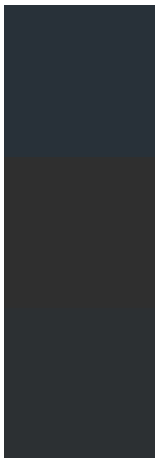
Original Color
283139

Protanomaly
2C3038

Deuteranomaly
2D3039

Tritanomaly
273237

Monochromacy



Original Color
283139

Achromatopsia
2F2F2F

Achromatomaly
2C3033

CSS Examples

Text

The CSS property to change the color of the text to Hex 283139 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 #283139 looks like.

```
.text, #text, p{  
    color:#283139  
}
```

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 #283139 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283139
}
```

Border

The CSS property to change the border of an element to Hex 283139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

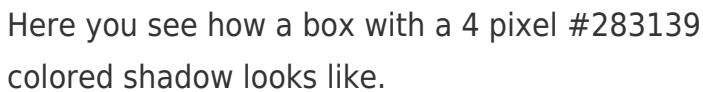
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283139 }
```

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

```
.border{ border-color:#283139 }
```

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



Here you see how a box with a 4 pixel #283139 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283139; -webkit-box-shadow:4px 4px  
4px 4px #283139; box-shadow:4px 4px 4px  
4px #283139 }
```

Background

The CSS property to change the background color of an element to Hex 283139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283139 }
```

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

```
.background{ background-color:#283139 }
```

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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