

Converting Colors

Hex(283346)

Have a look what the booklet for
Hex(283346) contains.

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Color

Hex(283346)

Conversions

Conversions Part 1

Format	Color
Hex	283346
RGB	40, 51, 70
RGB Percent	16%, 20%, 27%
CMY	0.8431, 0.8000, 0.7255
CMYK	0.43, 0.27, 0.00, 0.73
HSL	218°, 27%, 22%
HSV	218°, 43%, 27%
XYZ	3.1644, 3.2610, 6.2570
YIQ	49.8770, -12.6550, 3.5770

Conversions

Conversions Part 2

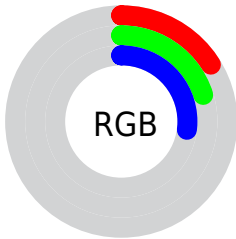
Format	Color
R_{YB}	40, 48, 70
Decimal	2634566
CIE Lab	21.06, 1.11, -13.28
CIE LCh	21, 13.328, 274.768
Yxy	3.2610, 0.2495, 0.2571
Android (android.graphics.Color)	4280824646 (0xFF283346)
YUV	49.8770, 9.9206, -8.6621
Hunter-Lab	18.0581, -0.3226, -7.9028

Details

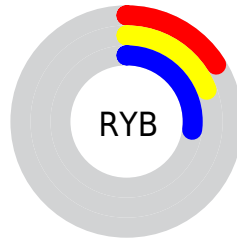
The Hex color **283346** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **463B28**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **566176**, and **00041B** is the 20% darker color. If you saturate the color by 10%, you get **212F46**, and if you desaturate by 10%, it is **2F3746**.

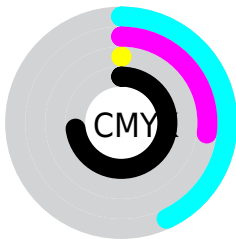
Distribution



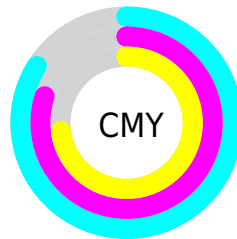
- Red (16%)
- Green (20%)
- Blue (27%)



- Red (16%)
- Yellow (19%)
- Blue (27%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)
- Black (73%)



- Cyan (84%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283346 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 283346 by changing the saturation by 10% instead.

■ 283346

■ 283346

FFFFFF

■ 121E30

■ 566176

■ 00041B

■ 6F7A90

■ 000000

■ 8994AB

■ A3AEC6

■ BFCAE2

■ DAE6FF

■ F7FFFF

■ 283346

■ 283346

■ 212F46

■ 2F3746

■ 1A2A46

■ 363C46

■ 132646

■ 3D4046

■ 0C2146

■ 444546

■ 051D46

■ 4B4946

■ 001A46

■ 524E46

■ 595246

■ 605646

■ 675B46

Harmonies

Analogous

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



1A3644



283346



363043

Triad

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



283346



452C28



22372A

Complementary

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



283346



463B28

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.



2D3522



283346



402F21

Square

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



283346



462B31



38321F



173834

Rectangle

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



283346



3D2D3E



38321F



263727

Sweetspot

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



283346



50545C



28463B



27292E



ADADAD



2E2E2E

Same Dimension

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



283346



2D3E5C



2C2846



202124



002463



0053E3

Inverse Universe

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



462833



5C2D3E



424628



242021



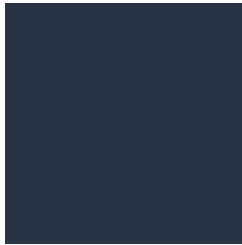
630024



E30053

Previews

White Background



This preview shows how the Hex color 283346 looks on a white background.

Color Contrast Check

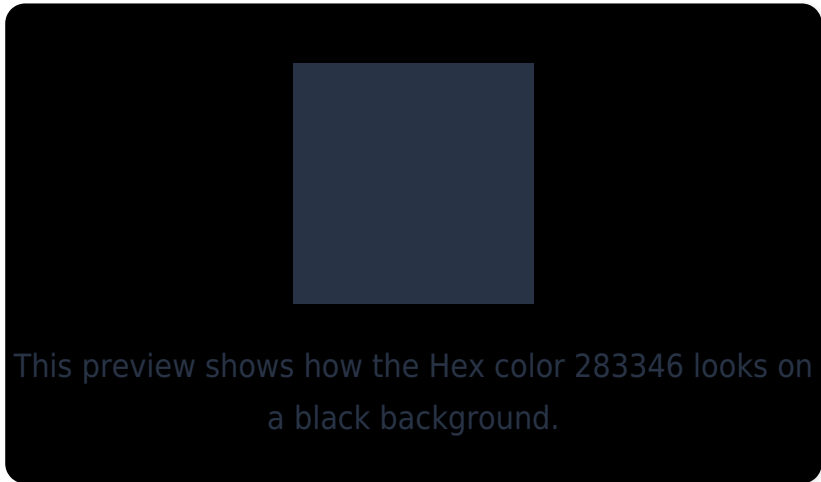
Large Text (above 18pt) WCAG AA ✓ Pass

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

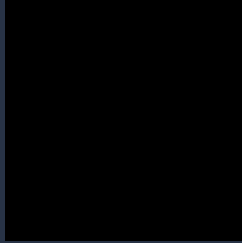
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

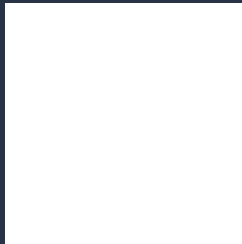
Any Text WCAG AAA × Fail

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

Hex 283346 Background



This preview shows how black text looks on a background with the Hex color 283346.

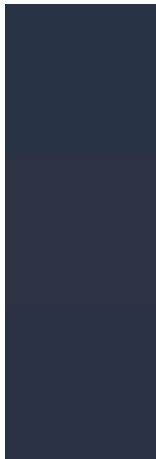


This preview shows how white text looks on a background with the Hex color 283346.

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](#).

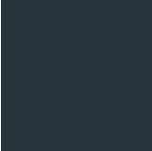
Dichromacy



Original Color
283346

Protanopia
2D3245

Deuteranopia
2C3246



Tritanopia
25353A

Trichromacy



Original Color

283346

Protanomaly

2B3245

Deuteranomaly

2B3246

Tritanomaly

26343E

Monochromacy



Original Color

283346

Achromatopsia

323232

Achromatomaly

2E3239

CSS Examples

Text

The CSS property to change the color of the text to Hex 283346 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 #283346 looks like.

```
.text, #text, p{  
    color:#283346  
}
```

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 #283346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283346
}
```

Border

The CSS property to change the border of an element to Hex 283346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

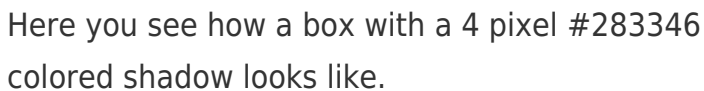
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283346 }
```

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

```
.border{ border-color:#283346 }
```

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



Here you see how a box with a 4 pixel #283346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283346; -webkit-box-shadow:4px 4px  
4px 4px #283346; box-shadow:4px 4px 4px  
4px #283346 }
```

Background

The CSS property to change the background color of an element to Hex 283346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283346 }
```

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

```
.background{ background-color:#283346 }
```

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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