

Converting Colors

Hex(283B4C)

Have a look what the booklet for
Hex(283B4C) contains.

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Color

Hex(283B4C)

Conversions

Conversions Part 1

Format	Color
Hex	283B4C
RGB	40, 59, 76
RGB Percent	16%, 23%, 30%
CMY	0.8431, 0.7686, 0.7020
CMYK	0.47, 0.22, 0.00, 0.70
HSL	208°, 31%, 23%
HSV	208°, 47%, 30%
XYZ	3.7435, 4.1008, 7.4317
YIQ	55.2570, -16.7810, 1.2590

Conversions

Conversions Part 2

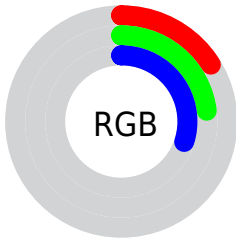
Format	Color
R _Y B	40, 52, 76
Decimal	2636620
CIE Lab	24.00, -2.30, -12.77
CIE LCh	24, 12.972, 259.768
Yxy	4.1008, 0.2451, 0.2684
Android (android.graphics.Color)	4280826700 (0xFF283B4C)
YUV	55.2570, 10.2263, -13.3804
Hunter-Lab	20.2506, -2.4407, -7.5833

Details

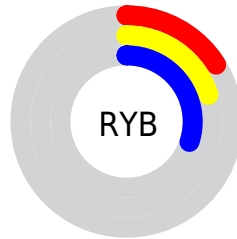
The Hex color **283B4C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C3928**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **576A7D**, and **001020** is the 20% darker color. If you saturate the color by 10%, you get **20374C**, and if you desaturate by 10%, it is **303F4C**.

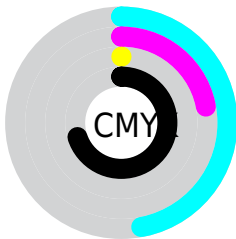
Distribution



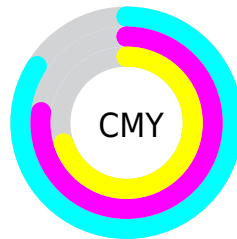
- Red (16%)
- Green (23%)
- Blue (30%)



- Red (16%)
- Yellow (20%)
- Blue (30%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)
- Black (70%)



- Cyan (84%)
- Magenta (77%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283B4C 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 283B4C by changing the saturation by 10% instead.

■ 283B4C

■ 283B4C

FFFFFF

■ 112535

■ 576A7D

■ 001020

■ 708397

■ 000006

■ 8A9DB2

■ 000000

■ A4B8CD

■ C0D4E9

■ DCF0FF

■ F9FFFF

■ 283B4C

■ 283B4C

■ 20374C

■ 303F4C

■ 19344C

■ 37424C

■ 11304C

■ 3F464C

■ 0A2D4C

■ 46494C

■ 02294C

■ 4E4D4C

■ 00284C

■ 56514C

■ 5D544C

■ 65584C

■ 6C5B4C

Harmonies

Analogous

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



1D3D48



283B4C



36384B

Triad

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



283B4C



4D3233



2E3D2C

Complementary

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



283B4C



4C3928

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.



393A27



283B4C



4A342B

Square

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



283B4C



4A323D



433726



233E35

Rectangle

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



283B4C



3F3548



433726



323C2A

Sweetspot

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



283B4C



565D63



284C39



2A2F33



B3B3B3



333333

Same Dimension

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



283B4C



2B4963



28294C



222426



003666



0079E6

Inverse Universe

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



4C283B



632B49



4C4B28



262224



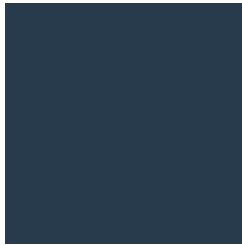
660036



E60079

Previews

White Background



This preview shows how the Hex color 283B4C looks on a white background.

Color Contrast Check

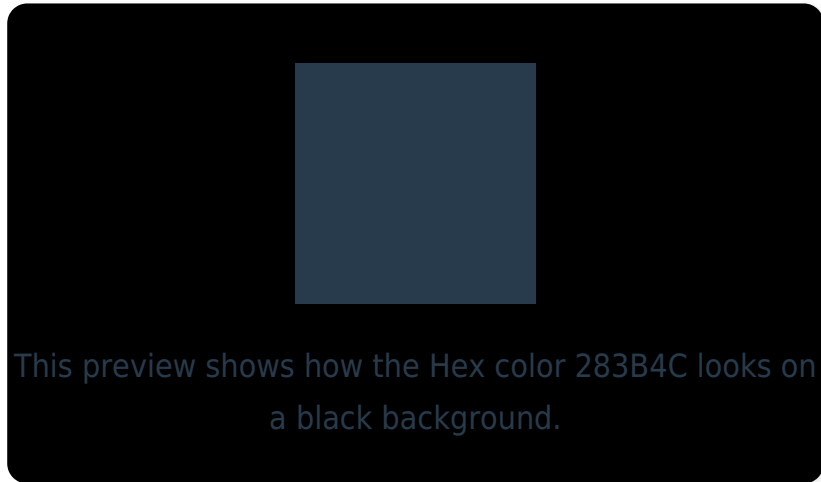
Large Text (above 18pt) WCAG AA ✓ Pass

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

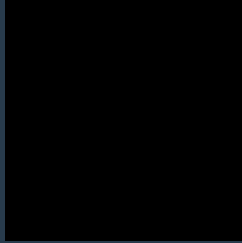
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

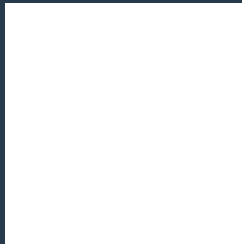
Any Text WCAG AAA × Fail

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

Hex 283B4C Background



This preview shows how black text looks on a background with the Hex color 283B4C.



This preview shows how white text looks on a background with the Hex color 283B4C.

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
283B4C

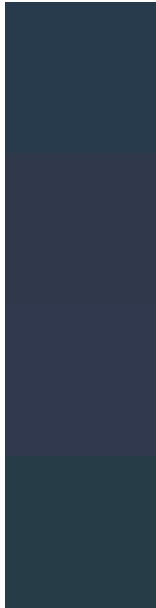
Protanopia
34384A

Deuteranopia
34384D



Tritanopia
253D42

Trichromacy



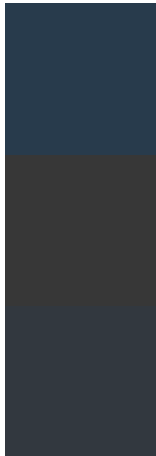
Original Color
283B4C

Protanomaly
30394B

Deuteranomaly
30394D

Tritanomaly
263C46

Monochromacy



Original Color
283B4C

Achromatopsia
373737

Achromatomaly
32383F

CSS Examples

Text

The CSS property to change the color of the text to Hex 283B4C 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 #283B4C looks like.

```
.text, #text, p{  
    color:#283B4C  
}
```

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 #283B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283B4C
}
```

Border

The CSS property to change the border of an element to Hex 283B4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

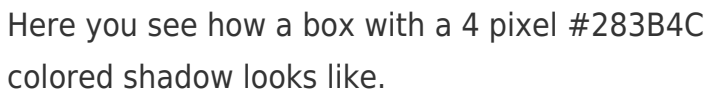
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283B4C }
```

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

```
.border{ border-color:#283B4C }
```

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



Here you see how a box with a 4 pixel #283B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283B4C; -webkit-box-shadow:4px 4px  
4px 4px #283B4C; box-shadow:4px 4px 4px  
4px #283B4C }
```

Background

The CSS property to change the background color of an element to Hex 283B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283B4C }
```

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

```
.background{ background-color:#283B4C }
```

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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