

Converting Colors

Hex(282B4C)

Have a look what the booklet for
Hex(282B4C) contains.

Hex(282B4C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(282B4C)

Conversions

Conversions Part 1

Format	Color
Hex	282B4C
RGB	40, 43, 76
RGB Percent	16%, 17%, 30%
CMY	0.8431, 0.8314, 0.7020
CMYK	0.47, 0.43, 0.00, 0.70
HSL	235°, 31%, 23%
HSV	235°, 47%, 30%
XYZ	3.0435, 2.7007, 7.1984
YIQ	45.8650, -12.3810, 9.6270

Conversions

Conversions Part 2

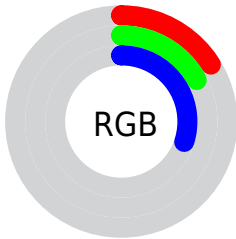
Format	Color
RYB	40, 43, 76
Decimal	2632524
CIELab	18.80, 8.76, -20.87
CIELCh	19, 22.630, 292.778
Yxy	2.7007, 0.2352, 0.2087
Android (android.graphics.Color)	4280822604 (0xFF282B4C)
YUV	45.8650, 14.8566, -5.1436
Hunter-Lab	16.4337, 4.2984, -14.4668

Details

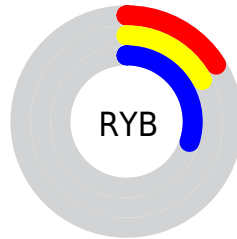
The Hex color **282B4C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C4928**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **57587D**, and **000020** is the 20% darker color. If you saturate the color by 10%, you get **20244C**, and if you desaturate by 10%, it is **30324C**.

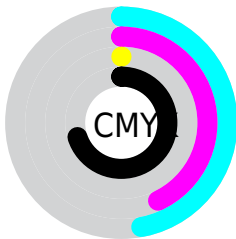
Distribution



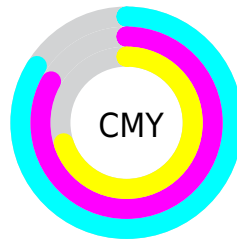
- Red (16%)
- Green (17%)
- Blue (30%)



- Red (16%)
- Yellow (17%)
- Blue (30%)



- Cyan (47%)
- Magenta (43%)
- Yellow (0%)
- Black (70%)



- Cyan (84%)
- Magenta (83%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282B4C 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 282B4C by changing the saturation by 10% instead.

■ 282B4C

■ 282B4C

FFFFFF

■ 111735

■ 57587D

■ 000020

■ 707197

■ 000004

■ 8A8AB2

■ 000000

■ A5A4CD

■ C0BFEA

■ DCDBFF

■ F9F8FF

■ 282B4C

■ 282B4C

■ 20244C

■ 30324C

■ 191D4C

■ 37394C

■ 11164C

■ 3F404C

■ 0A0F4C

■ 46474C

■ 02084C

■ 4E4E4C

■ 00064C

■ 56554C

■ 5D5C4C

■ 65634C

■ 6C6A4C

Harmonies

Analogous

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



00314E



282B4C



3E2442

Triad

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



282B4C



462514



003629

Complementary

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



282B4C



4C4928

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.



173419



282B4C



3A2B0B

Square

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



282B4C



4C2022



2B310E



00363A

Rectangle

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



282B4C



472138



2B310E



013523

Sweetspot

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



282B4C



565763



284C49



2A2B33



B3B3B3



333333

Same Dimension

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



282B4C



2B2F63



37284C



222326



000866



0013E6

Inverse Universe

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



4C282B



632B2F



3D4C28



262223



660009



E60013

Previews

White Background



This preview shows how the Hex color 282B4C looks on a white background.

Color Contrast Check

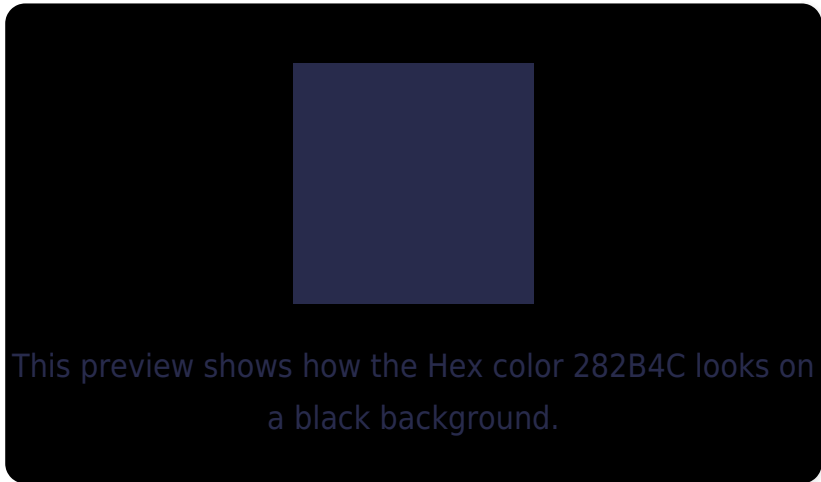
Large Text (above 18pt) WCAG AA ✓ Pass

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

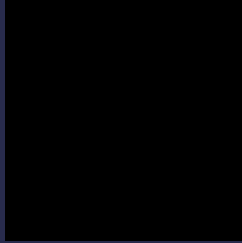
Any Text WCAG AA × Fail

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 282B4C Background



This preview shows how black text looks on a background with the Hex color 282B4C.



This preview shows how white text looks on a background with the Hex color 282B4C.

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](#).

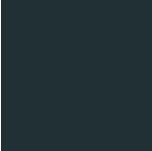
Dichromacy



Original Color
282B4C

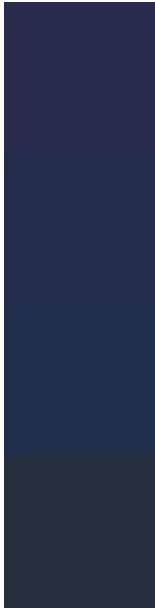
Protanopia
202D4E

Deuteranopia
1B2E4B



Tritanopia
213034

Trichromacy



Original Color
282B4C

Protanomaly
232C4D

Deuteranomaly
202D4B

Tritanomaly
242E3D

Monochromacy



Original Color
282B4C

Achromatopsia
2E2E2E

Achromatomaly
2C2D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 282B4C 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 #282B4C looks like.

```
.text, #text, p{  
    color:#282B4C  
}
```

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 #282B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282B4C
}
```

Border

The CSS property to change the border of an element to Hex 282B4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

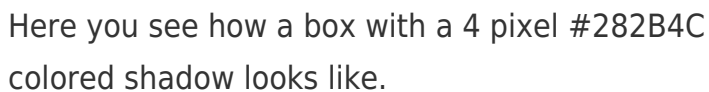
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282B4C }
```

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

```
.border{ border-color:#282B4C }
```

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



Here you see how a box with a 4 pixel #282B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282B4C; -webkit-box-shadow:4px 4px  
4px 4px #282B4C; box-shadow:4px 4px 4px  
4px #282B4C }
```

Background

The CSS property to change the background color of an element to Hex 282B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282B4C }
```

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

```
.background{ background-color:#282B4C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor