

# Converting Colors

Hex(284246)

Have a look what the booklet for  
Hex(284246) contains.

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# Color

Hex(284246)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	284246
RGB	40, 66, 70
RGB Percent	16%, 26%, 27%
CMY	0.8431, 0.7412, 0.7255
CMYK	0.43, 0.06, 0.00, 0.73
HSL	188°, 27%, 22%
HSV	188°, 43%, 27%
XYZ	3.9288, 4.7897, 6.5118
YIQ	58.6820, -16.7800, -4.2680

# Conversions

## Conversions Part 2

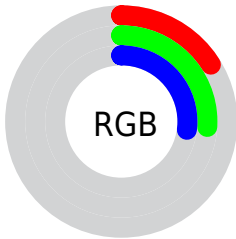
Format	Color
<a href="#">RYB</a>	<a href="#">40, 54, 70</a>
Decimal	<a href="#">2638406</a>
CIELab	<a href="#">26.13, -8.70, -5.58</a>
CIElCh	<a href="#">26, 10.338, 212.664</a>
Yxy	<a href="#">4.7897, 0.2580, 0.3145</a>
Android (android.graphics.Color)	<a href="#">4280828486 (0xFF284246)</a>
YUV	<a href="#">58.6820, 5.5798, -16.3841</a>
Hunter-Lab	<a href="#">21.8855, -6.2561, -2.3213</a>

# Details

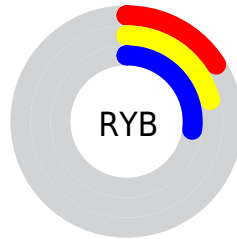
The Hex color **284246** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **462C28**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **577276**, and **00181B** is the 20% darker color. If you saturate the color by 10%, you get **214146**, and if you desaturate by 10%, it is **2F4346**.

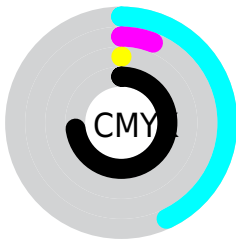
# Distribution



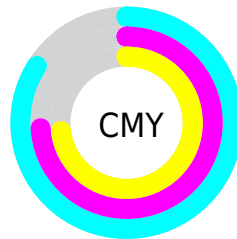
- Red (16%)
- Green (26%)
- Blue (27%)



- Red (16%)
- Yellow (21%)
- Blue (27%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (73%)



- Cyan (84%)
- Magenta (74%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 284246 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 284246 by changing the saturation by 10% instead.



■ 284246

■ 284246

FFFFFF

■ 112C30

■ 577276

■ 00181B

■ 708B90

■ 000000

■ 8AA6AA

■ A4C1C6

■ BFDDE2

■ DBF9FE

■ F8FFFF

■ 284246

■ 284246

■ 214146

■ 2F4346

■ 1A4046

■ 364446

■ 133F46

■ 3D4546

■ 0C3E46

■ 444646

■ 053D46

■ 4B4746

■ 003D46

■ 524846

■ 594946

■ 604946

■ 674A46

# Harmonies

## Analogous

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



2A423E



284246



2C414C

# Triad

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



284246



493945



433E2E

# Complementary

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



284246



462C28

# 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.



4A3B30



284246



4D383D

# Square

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



284246



403C4B



4E3936



3A4030

# Rectangle

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



284246



323F4D



4E3936



463D2E



# Sweetspot

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



284246



505A5C



28462C



272D2E



ADADAD



2E2E2E



# Same Dimension

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



284246



2D565C



283346



202324



005663



00C5E3



# Inverse Universe

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



462842



5C2D56



463B28



242023



630056

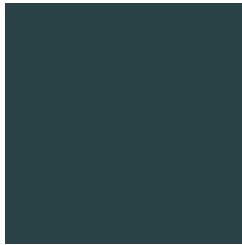


E300C5



# Previews

## White Background



This preview shows how the Hex color 284246 looks on a white background.

## Color Contrast Check

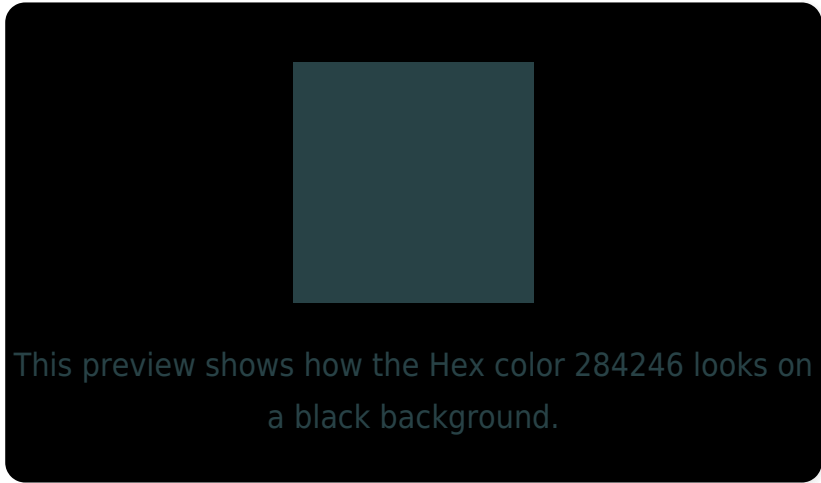
Large Text (above 18pt) WCAG AA ✓ Pass

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

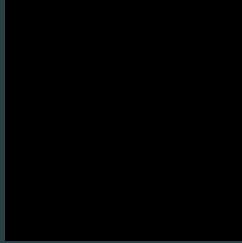
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

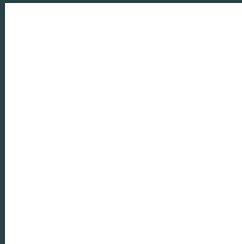
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 284246 Background



This preview shows how black text looks on a background with the Hex color 284246.



This preview shows how white text looks on a background with the Hex color 284246.

# 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**  
284246

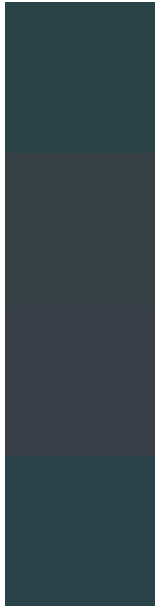
**Protanopia**  
3D3D43

**Deuteranopia**  
3F3C47



**Tritanopia**  
284247

# Trichromacy



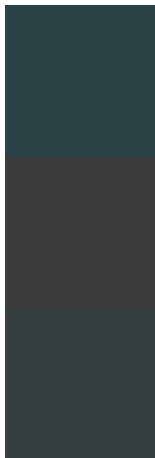
**Original Color**  
284246

**Protanomaly**  
353F44

**Deuteranomaly**  
373E47

**Tritanomaly**  
284247

# Monochromacy



**Original Color**  
284246

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
343E3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 284246 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 #284246 looks like.

```
.text, #text, p{  
    color:#284246  
}
```

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 #284246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284246
}
```

## Border

The CSS property to change the border of an element to Hex 284246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

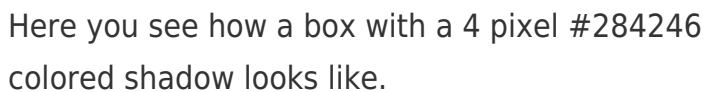
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#284246 }
```

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

```
.border{ border-color:#284246 }
```

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



Here you see how a box with a 4 pixel #284246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284246; -webkit-box-shadow:4px 4px  
4px 4px #284246; box-shadow:4px 4px 4px  
4px #284246 }
```

# Background

The CSS property to change the background color of an element to Hex 284246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284246 }
```

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

```
.background{ background-color:#284246 }
```

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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