

Converting Colors

Hex(284753)

Have a look what the booklet for
Hex(284753) contains.

Hex(284753)	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(284753)

Conversions

Conversions Part 1

Format	Color
Hex	284753
RGB	40, 71, 83
RGB Percent	16%, 28%, 33%
CMY	0.8431, 0.7216, 0.6745
CMYK	0.52, 0.14, 0.00, 0.67
HSL	197°, 35%, 24%
HSV	197°, 52%, 33%
XYZ	4.6896, 5.5821, 9.0139
YIQ	63.0990, -22.3280, -2.8400

Conversions

Conversions Part 2

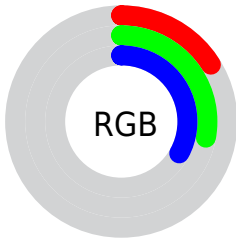
Format	Color
RYB	40, 58, 83
Decimal	2639699
CIELab	28.33, -7.70, -10.73
CIELCh	28, 13.208, 234.332
Yxy	5.5821, 0.2432, 0.2894
Android (android.graphics.Color)	4280829779 (0xFF284753)
YUV	63.0990, 9.8112, -20.2578
Hunter-Lab	23.6265, -5.9158, -6.0815

Details

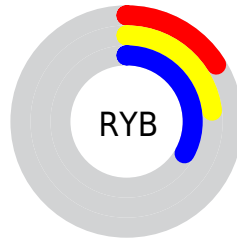
The Hex color **284753** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **533428**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **587784**, and **001C26** is the 20% darker color. If you saturate the color by 10%, you get **204553**, and if you desaturate by 10%, it is **304953**.

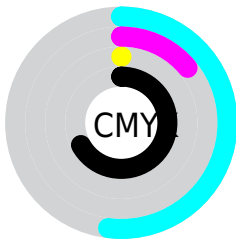
Distribution



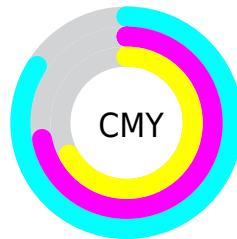
- Red (16%)
- Green (28%)
- Blue (33%)



- Red (16%)
- Yellow (23%)
- Blue (33%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284753 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 284753 by changing the saturation by 10% instead.

■ 284753

■ 284753

FFFFFF

■ 0F313C

■ 587784

■ 001C26

■ 72919F

■ 000111

■ 8CACBA

■ 000000

■ A6C7D5

■ C2E3F2

■ DEFFFF

■ FBFFFF

■ 284753

■ 284753

■ 204553

■ 304953

■ 174253

■ 394C53

■ 0F4053

■ 414E53

■ 073E53

■ 495053

■ 003C53

■ 525353

■ 5A5553

■ 625753

■ 6A5A53

■ 735C53

Harmonies

Analogous

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



25484B



284753



344457

Triad

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



284753



563C45



424530

Complementary

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



284753



533428

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.



4C422F



284753



573C3B

Square

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



284753



4E3E4F



543E33



364737

Rectangle

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



284753



3D4256



543E33



45442F

Sweetspot

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



284753



5A666B



285333



2B3336



B5B5B5



363636

Same Dimension

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



284753



29596B



283253



252829



004B69



00A7E8

Inverse Universe

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



532847



6B2959



534928



292528



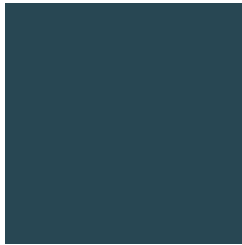
69004B



E800A7

Previews

White Background



This preview shows how the Hex color 284753 looks on a white background.

Color Contrast Check

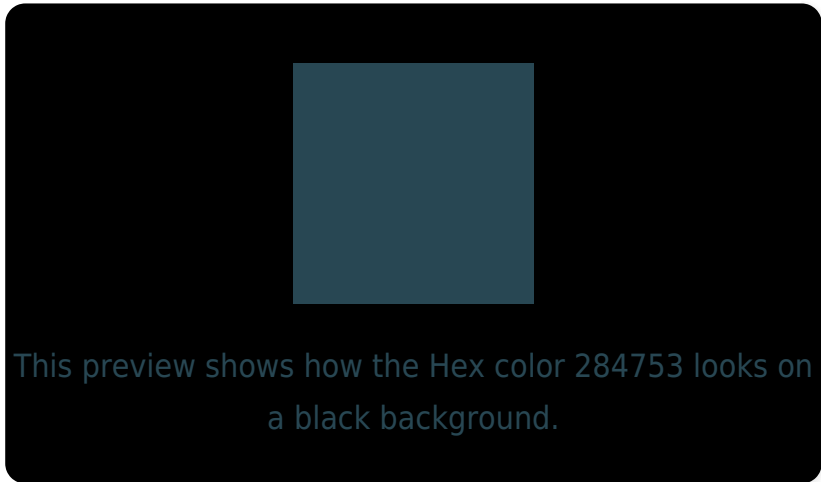
Large Text (above 18pt) WCAG AA ✓ Pass

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

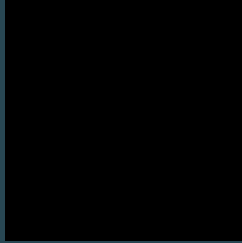
Any Text WCAG AA × Fail

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 284753 Background



This preview shows how black text looks on a background with the Hex color 284753.



This preview shows how white text looks on a background with the Hex color 284753.

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
284753

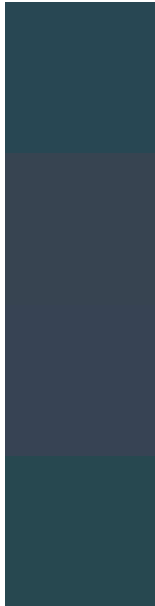
Protanopia
404250

Deuteranopia
404154



Tritanopia
26484E

Trichromacy



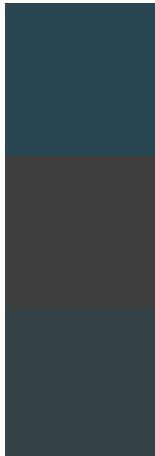
Original Color
284753

Protanomaly
374451

Deuteranomaly
374354

Tritanomaly
274850

Monochromacy



Original Color
284753

Achromatopsia
3F3F3F

Achromatomaly
374246

CSS Examples

Text

The CSS property to change the color of the text to Hex 284753 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 #284753 looks like.

```
.text, #text, p{  
    color:#284753  
}
```

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 #284753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284753
}
```

Border

The CSS property to change the border of an element to Hex 284753 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
#284753 }
```

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

```
.border{ border-color:#284753 }
```

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

Here you see how a box with a 4 pixel #284753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284753; -webkit-box-shadow:4px 4px  
4px 4px #284753; box-shadow:4px 4px 4px  
4px #284753 }
```

Background

The CSS property to change the background color of an element to Hex 284753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284753 }
```

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

```
.background{ background-color:#284753 }
```

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