

Converting Colors

Hex(284752)

Have a look what the booklet for
Hex(284752) contains.

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Color

Hex(284752)

Conversions

Conversions Part 1

Format	Color
Hex	284752
RGB	40, 71, 82
RGB Percent	16%, 28%, 32%
CMY	0.8431, 0.7216, 0.6784
CMYK	0.51, 0.13, 0.00, 0.68
HSL	196°, 34%, 24%
HSV	196°, 51%, 32%
XYZ	4.6513, 5.5668, 8.8120
YIQ	62.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

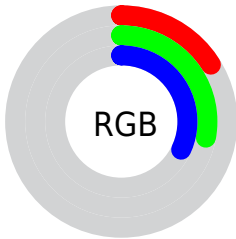
Format	Color
RYB	40, 58, 82
Decimal	2639698
CIELab	28.29, -8.03, -10.14
CIELCh	28, 12.937, 231.645
Yxy	5.5668, 0.2444, 0.2925
Android (android.graphics.Color)	4280829778 (0xFF284752)
YUV	62.9850, 9.3744, -20.1578
Hunter-Lab	23.5940, -6.1003, -5.6280

Details

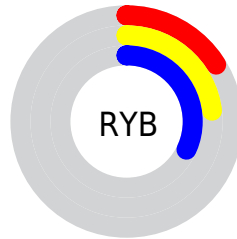
The Hex color **284752** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **523328**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **587783**, and **001C25** is the 20% darker color. If you saturate the color by 10%, you get **204552**, and if you desaturate by 10%, it is **304952**.

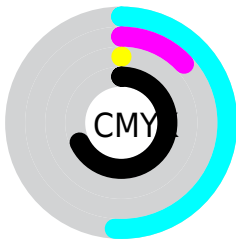
Distribution



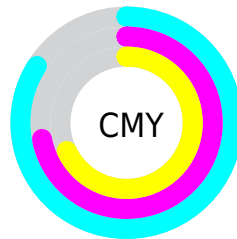
- Red (16%)
- Green (28%)
- Blue (32%)



- Red (16%)
- Yellow (23%)
- Blue (32%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (68%)



- Cyan (84%)
- Magenta (72%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284752 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 284752 by changing the saturation by 10% instead.

■ 284752

■ 284752

FFFFFF

■ 10313B

■ 587783

■ 001C25

■ 72919D

■ 000110

■ 8CACB8

■ 000000

■ A6C7D4

■ C2E3F0

■ DEFFFF

■ FBFFFF

■ 284752

■ 284752

■ 204552

■ 304952

■ 184352

■ 384B52

■ 0F4152

■ 414D52

■ 073E52

■ 495052

■ 003D52

■ 515252

■ 595452

■ 615652

■ 6A5852

■ 725A52

Harmonies

Analogous

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



26484A



284752



334556

Triad

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



284752



553C46



424430

Complementary

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



284752



523328

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.



4D412F



284752



573C3C

Square

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



284752



4D3E4F



543E34



374736

Rectangle

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



284752



3C4256



543E34



46432F

Sweetspot

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



284752



5B676B



285233



2C3336



B5B5B5



363636

Same Dimension

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



284752



2A5A6B



283352



252829



004D69



00ABE8

Inverse Universe

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



522847



6B2A5A



524728



292528



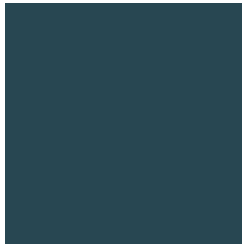
69004D



E800AB

Previews

White Background



This preview shows how the Hex color 284752 looks on a white background.

Color Contrast Check

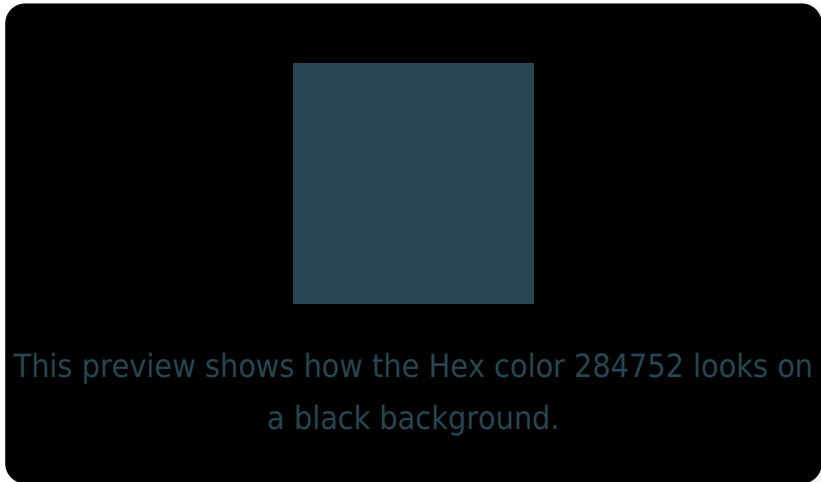
Large Text (above 18pt) WCAG AA ✓ Pass

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

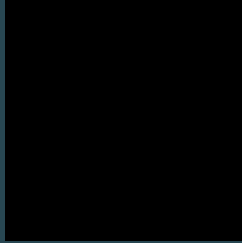
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

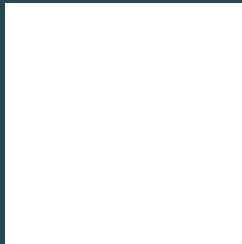
Any Text WCAG AAA × Fail

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

Hex 284752 Background



This preview shows how black text looks on a background with the Hex color 284752.



This preview shows how white text looks on a background with the Hex color 284752.

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
284752

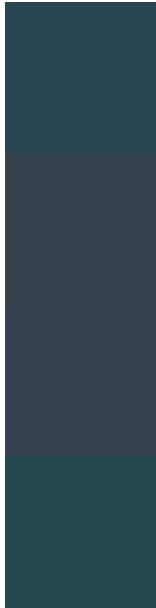
Protanopia
40424F

Deuteranopia
404153



Tritanopia
26484E

Trichromacy



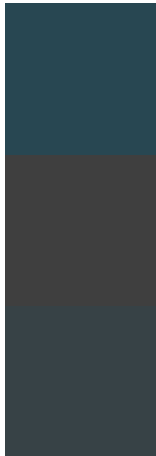
Original Color
284752

Protanomaly
374450

Deuteranomaly
374353

Tritanomaly
27484F

Monochromacy



Original Color
284752

Achromatopsia
3F3F3F

Achromatomaly
374246

CSS Examples

Text

The CSS property to change the color of the text to Hex 284752 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 #284752 looks like.

```
.text, #text, p{  
    color:#284752  
}
```

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 #284752 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284752
}
```

Border

The CSS property to change the border of an element to Hex 284752 is called "border". The border property can be set on classes, ids or directly on the HTML element.

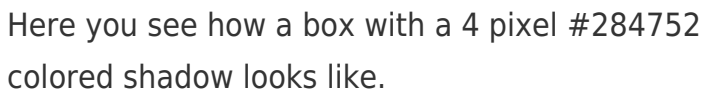
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#284752 }
```

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

```
.border{ border-color:#284752 }
```

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



Here you see how a box with a 4 pixel #284752 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284752; -webkit-box-shadow:4px 4px  
4px 4px #284752; box-shadow:4px 4px 4px  
4px #284752 }
```

Background

The CSS property to change the background color of an element to Hex 284752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284752 }
```

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

```
.background{ background-color:#284752 }
```

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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