

Converting Colors

Hex(284643)

Have a look what the booklet for
Hex(284643) contains.

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Color

Hex(284643)

Conversions

Conversions Part 1

Format	Color
Hex	284643
RGB	40, 70, 67
RGB Percent	16%, 27%, 26%
CMY	0.8431, 0.7255, 0.7373
CMYK	0.43, 0.00, 0.04, 0.73
HSL	174°, 27%, 22%
HSV	174°, 43%, 27%
XYZ	4.0784, 5.2367, 6.1060
YIQ	60.6880, -16.9170, -7.2930

Conversions

Conversions Part 2

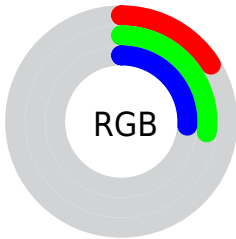
Format	Color
RYB	40, 56, 70
Decimal	2639427
CIELab	27.40, -12.02, -1.73
CIELCh	27, 12.141, 188.181
Yxy	5.2367, 0.2645, 0.3396
Android (android.graphics.Color)	4280829507 (0xFF284643)
YUV	60.6880, 3.1118, -18.1434
Hunter-Lab	22.8838, -8.2344, 0.1985

Details

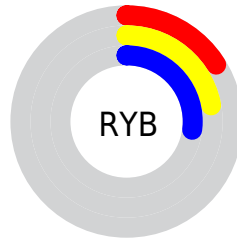
The Hex color **284643** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46282B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **577673**, and **001B18** is the 20% darker color. If you saturate the color by 10%, you get **214642**, and if you desaturate by 10%, it is **2F4644**.

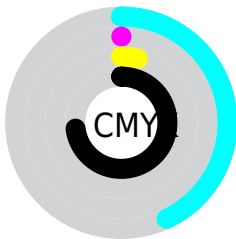
Distribution



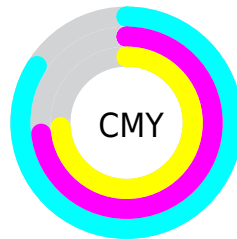
- Red (16%)
- Green (27%)
- Blue (26%)



- Red (16%)
- Yellow (22%)
- Blue (27%)



- Cyan (43%)
- Magenta (0%)
- Yellow (4%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 284643 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 284643 by changing the saturation by 10% instead.

■ 284643

■ 284643

FFFFFF

■ 11302D

■ 577673

■ 001B18

■ 70908C

■ 000000

■ 8AABA7

■ A4C6C2

■ C0E2DE

■ DCFFFA

■ F8FFFF

■ 284643

■ 284643

■ 214642

■ 2F4644

■ 1A4642

■ 364644

■ 134641

■ 3D4645

■ 0C4640

■ 444646

■ 054640

■ 4B4647

■ 00463F

■ 524647

■ 594648

■ 604649

■ 674649

Harmonies

Analogous

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



30453A



284643



26454C

Triad

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



284643



453D4F



4E3E30

Complementary

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



284643



46282B

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.



533B36



284643



4F3B48

Square

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



284643



394153



533A3E



45412E

Rectangle

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



284643



2A4450



533A3E



503D31

Sweetspot

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



284643



505C5B



2B4628



272E2D



ADADAD



2E2E2E

Same Dimension

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



284643



2D5C57



283A46



202423



00635A



00E3CC

Inverse Universe

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



46282B



5C2D32



463428



242020



63000A



E30017

Previews

White Background



This preview shows how the Hex color 284643 looks on a white background.

Color Contrast Check

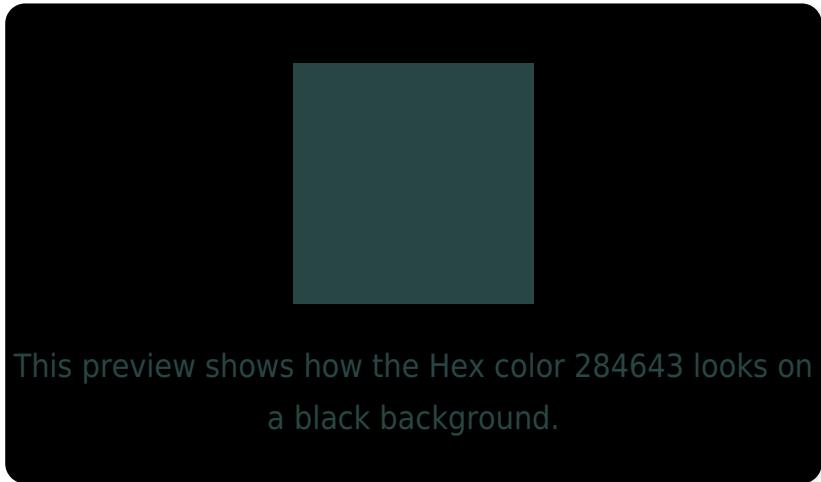
Large Text (above 18pt) WCAG AA ✓ Pass

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

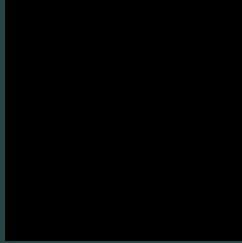
Any Text WCAG AA × Fail

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 284643 Background



This preview shows how black text looks on a background with the Hex color 284643.



This preview shows how white text looks on a background with the Hex color 284643.

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](#).

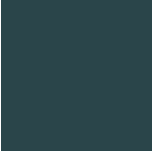
Dichromacy



Original Color
284643

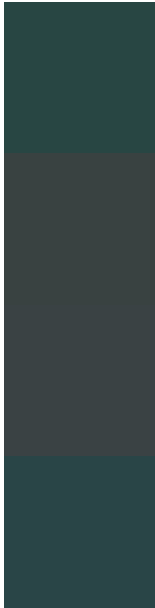
Protanopia
424040

Deuteranopia
453F45



Tritanopia
2A454A

Trichromacy



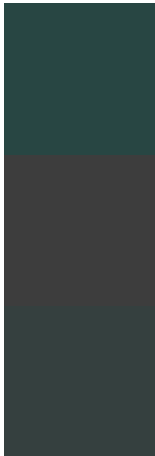
Original Color
284643

Protanomaly
394241

Deuteranomaly
3A4244

Tritanomaly
294547

Monochromacy



Original Color
284643

Achromatopsia
3D3D3D

Achromatomaly
35403F

CSS Examples

Text

The CSS property to change the color of the text to Hex 284643 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 #284643 looks like.

```
.text, #text, p{  
    color:#284643  
}
```

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 #284643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284643
}
```

Border

The CSS property to change the border of an element to Hex 284643 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
#284643 }
```

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

```
.border{ border-color:#284643 }
```

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

Here you see how a box with a 4 pixel #284643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284643; -webkit-box-shadow:4px 4px  
4px 4px #284643; box-shadow:4px 4px 4px  
4px #284643 }
```

Background

The CSS property to change the background color of an element to Hex 284643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284643 }
```

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

```
.background{ background-color:#284643 }
```

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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