

Converting Colors

Hex(28403B)

Have a look what the booklet for
Hex(28403B) contains.

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Color

Hex(28403B)

Conversions

Conversions Part 1

Format	Color
Hex	28403B
RGB	40, 64, 59
RGB Percent	16%, 25%, 23%
CMY	0.8431, 0.7490, 0.7686
CMYK	0.38, 0.00, 0.08, 0.75
HSL	168°, 23%, 20%
HSV	168°, 38%, 25%
XYZ	3.4979, 4.4337, 4.8091
YIQ	56.2540, -12.6990, -6.6430

Conversions

Conversions Part 2

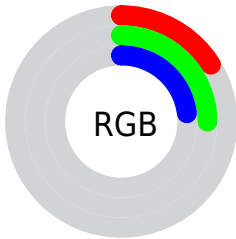
Format	Color
R_{YB}	40, 53, 64
Decimal	2637883
CIE Lab	25.06, -10.65, 0.09
CIE LCh	25, 10.654, 179.515
Yxy	4.4337, 0.2745, 0.3480
Android (android.graphics.Color)	4280827963 (0xFF28403B)
YUV	56.2540, 1.3538, -14.2548
Hunter-Lab	21.0563, -7.1960, 1.1980

Details

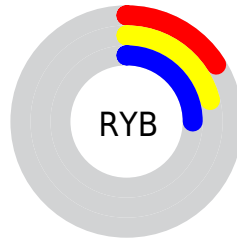
The Hex color **28403B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **40282D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **56706A**, and **001610** is the 20% darker color. If you saturate the color by 10%, you get **22403A**, and if you desaturate by 10%, it is **2E403C**.

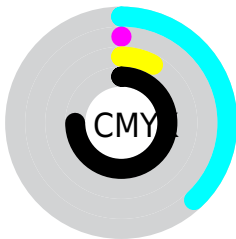
Distribution



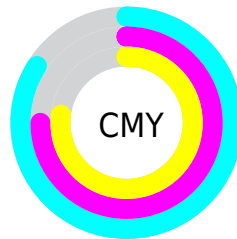
- Red (16%)
- Green (25%)
- Blue (23%)



- Red (16%)
- Yellow (21%)
- Blue (25%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28403B 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 28403B by changing the saturation by 10% instead.



28403B



28403B

FFFFFF



122A25



56706A



001610



6F8983



000000



89A49D



A3BFB8



BEDBD4



DAF7F0



F7FFFF



28403B



28403B

■ 22403A

■ 2E403C

■ 1B4038

■ 35403E

■ 154037

■ 3B403F

■ 0E4036

■ 424040

■ 084034

■ 484042

■ 024033

■ 4E4043

■ 004033

■ 554044

■ 5B4046

■ 624047

Harmonies

Analogous

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



303F33



28403B



254043

Triad

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



28403B



3D3949



48382E

Complementary

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



28403B



40282D

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.



4C3634



28403B



463744

Square

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



28403B



323C4B



4B363C



423B2B

Rectangle

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



28403B



263F47



4B363C



4A3730

Sweetspot

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



28403B



4B5452



2D4028



262B2A



ABABAB



2B2B2B

Same Dimension

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



28403B



2E544C



283940



1E2120



00614D



00E0B2

Inverse Universe

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



40282D



542E36



402F28



211E1F



610014



E0002F

Previews

White Background



This preview shows how the Hex color 28403B looks on a white background.

Color Contrast Check

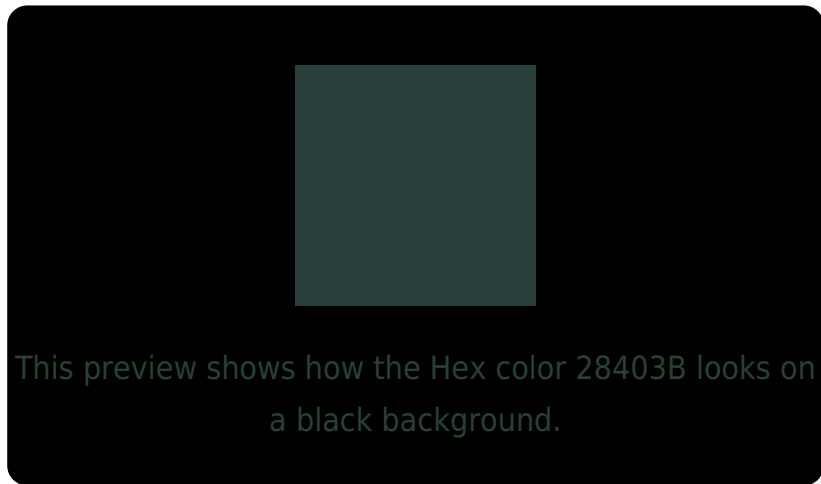
Large Text (above 18pt) WCAG AA ✓ Pass

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

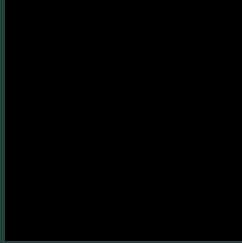
Any Text WCAG AA × Fail

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 28403B Background



This preview shows how black text looks on a background with the Hex color 28403B.



This preview shows how white text looks on a background with the Hex color 28403B.

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
28403B

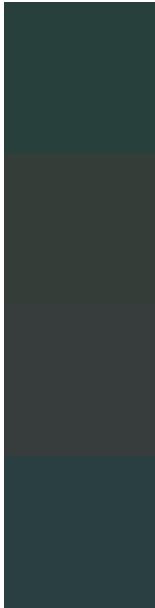
Protanopia
3D3B38

Deuteranopia
40393C



Tritanopia
2A3F44

Trichromacy



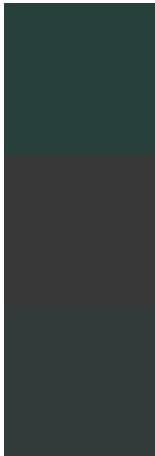
Original Color
28403B

Protanomaly
353D39

Deuteranomaly
373C3C

Tritanomaly
293F41

Monochromacy



Original Color
28403B

Achromatopsia
383838

Achromatomaly
323B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 28403B 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 #28403B looks like.

```
.text, #text, p{  
    color:#28403B  
}
```

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 #28403B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28403B  
}
```

Border

The CSS property to change the border of an element to Hex 28403B 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  
#28403B }
```

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

```
.border{ border-color:#28403B }
```

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

Here you see how a box with a 4 pixel #28403B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28403B; -webkit-box-shadow:4px 4px  
4px 4px #28403B; box-shadow:4px 4px 4px  
4px #28403B }
```

Background

The CSS property to change the background color of an element to Hex 28403B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28403B }
```

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

```
.background{ background-color:#28403B }
```

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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