

Converting Colors

Hex(28445C)

Have a look what the booklet for
Hex(28445C) contains.

Hex(28445C)	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(28445C)

Conversions

Conversions Part 1

Format	Color
Hex	28445C
RGB	40, 68, 92
RGB Percent	16%, 27%, 36%
CMY	0.8431, 0.7333, 0.6392
CMYK	0.57, 0.26, 0.00, 0.64
HSL	208°, 39%, 26%
HSV	208°, 57%, 36%
XYZ	4.8740, 5.3581, 10.9025
YIQ	62.3640, -24.3920, 1.5280

Conversions

Conversions Part 2

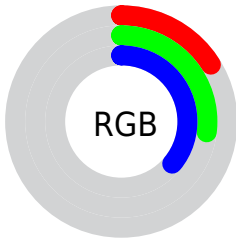
Format	Color
R_{YB}	40, 58, 92
Decimal	2638940
CIE _{Lab}	27.73, -2.74, -17.47
CIE _{LCh}	28, 17.686, 261.094
Yxy	5.3581, 0.2306, 0.2535
Android (android.graphics.Color)	4280829020 (0xFF28445C)
YUV	62.3640, 14.6105, -19.6132
Hunter-Lab	23.1475, -2.9230, -11.7225

Details

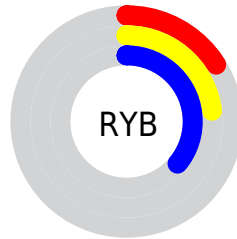
The Hex color **28445C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5C4028**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **59748E**, and **00192E** is the 20% darker color. If you saturate the color by 10%, you get **1F405C**, and if you desaturate by 10%, it is **31485C**.

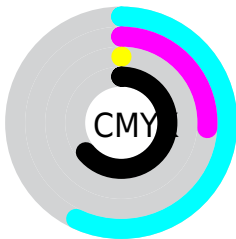
Distribution



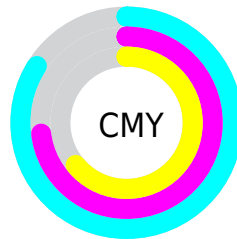
- Red (16%)
- Green (27%)
- Blue (36%)



- Red (16%)
- Yellow (23%)
- Blue (36%)



- Cyan (57%)
- Magenta (26%)
- Yellow (0%)
- Black (64%)



- Cyan (84%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28445C 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 28445C by changing the saturation by 10% instead.

■ 28445C

■ 28445C

FFFFFF

■ 0E2E44

■ 59748E

■ 00192E

■ 738DA9

■ 000119

■ 8DA8C4

■ 000000

■ A8C3E0

■ C4DFFD

■ E0FCFF

■ FDFFFF

■ 28445C

■ 28445C

■ 1F405C

■ 31485C

■ 163C5C

■ 3A4C5C

■ 0C375C

■ 44515C

■ 03335C

■ 4D555C

■ 00325C

■ 56595C

■ 5F5D5C

■ 68625C

■ 72665C

■ 7B6A5C

Harmonies

Analogous

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



144756



28445C



3D3F5B

Triad

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



28445C



5C3838



314730

Complementary

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



28445C



5C4028

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.



414428



28445C



583B2D

Square

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



28445C



593746



4E3F27



21493D

Rectangle

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



28445C



4A3C56



4E3F27



37462D

Sweetspot

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



28445C



636E78



285C3F



31383D



BDBDBD



3D3D3D

Same Dimension

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



28445C



265278



282B5C



292C2E



003B6E



0080ED

Inverse Universe

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



5C2844



782652



5C5928



2E292C



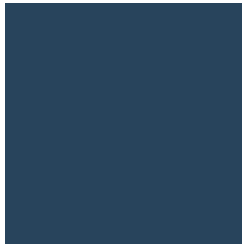
6E003B



ED0080

Previews

White Background



This preview shows how the Hex color 28445C 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

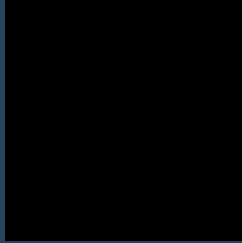
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

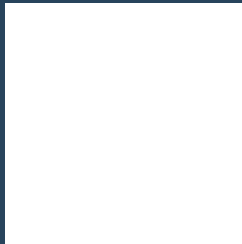
Any Text WCAG AAA × Fail

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

Hex 28445C Background



This preview shows how black text looks on a background with the Hex color 28445C.

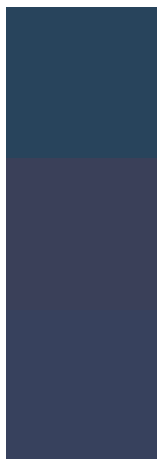


This preview shows how white text looks on a background with the Hex color 28445C.

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
28445C

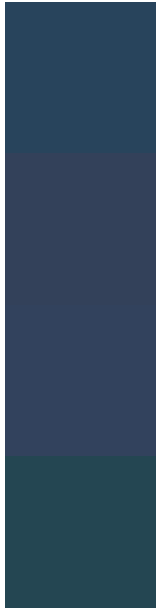
Protanopia
3A4059

Deuteranopia
37415D



Tritanopia
22474D

Trichromacy



Original Color
28445C

Protanomaly
33415A

Deuteranomaly
32425D

Tritanomaly
244652

Monochromacy



Original Color
28445C

Achromatopsia
3E3E3E

Achromatomaly
364049

CSS Examples

Text

The CSS property to change the color of the text to Hex 28445C 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 #28445C looks like.

```
.text, #text, p{  
    color:#28445C  
}
```

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 #28445C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28445C
}
```

Border

The CSS property to change the border of an element to Hex 28445C is called "border". The border property can be set on classes, ids or directly on the HTML element.

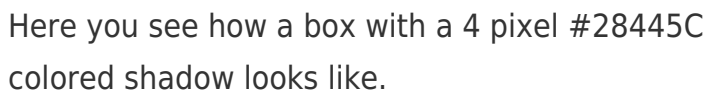
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28445C }
```

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

```
.border{ border-color:#28445C }
```

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



Here you see how a box with a 4 pixel #28445C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28445C; -webkit-box-shadow:4px 4px  
4px 4px #28445C; box-shadow:4px 4px 4px  
4px #28445C }
```

Background

The CSS property to change the background color of an element to Hex 28445C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28445C }
```

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

```
.background{ background-color:#28445C }
```

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