

Converting Colors

Hex(28432F)

Have a look what the booklet for
Hex(28432F) contains.

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Color

Hex(28432F)

Conversions

Conversions Part 1

Format	Color
Hex	28432F
RGB	40, 67, 47
RGB Percent	16%, 26%, 18%
CMY	0.8431, 0.7373, 0.8157
CMYK	0.40, 0.00, 0.30, 0.74
HSL	136°, 25%, 21%
HSV	136°, 40%, 26%
XYZ	3.3953, 4.6707, 3.4119
YIQ	56.6470, -9.6720, -11.9440

Conversions

Conversions Part 2

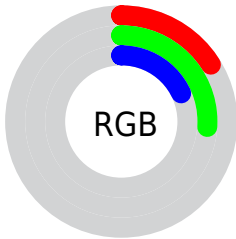
Format	Color
RYB	40, 61, 67
Decimal	2638639
CIELab	25.78, -15.39, 8.97
CIELCh	26, 17.818, 149.764
Yxy	4.6707, 0.2958, 0.4069
Android (android.graphics.Color)	4280828719 (0xFF28432F)
YUV	56.6470, -4.7560, -14.5994
Hunter-Lab	21.6117, -9.7772, 5.7679

Details

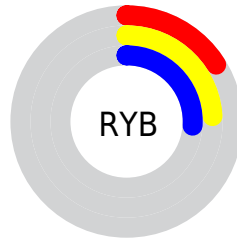
The Hex color **28432F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43283C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **56735D**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **21432A**, and if you desaturate by 10%, it is **2F4334**.

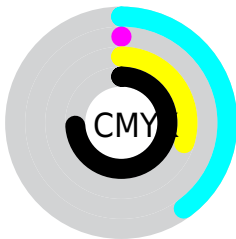
Distribution



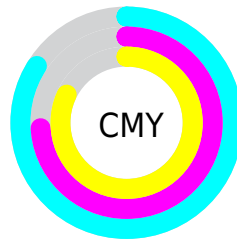
- Red (16%)
- Green (26%)
- Blue (18%)



- Red (16%)
- Yellow (24%)
- Blue (26%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (74%)



- Cyan (84%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28432F 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 28432F by changing the saturation by 10% instead.

■ 28432F

■ 28432F

FFFFFF

■ 122D1A

■ 56735D

■ 001900

■ 6F8D76

■ 000000

■ 89A78F

■ A3C3AA

■ BEDFC5

■ DAFBE1

■ F7FFFE

■ 28432F

■ 28432F

■ 21432A

■ 2F4334

■ 1B4325

■ 354339

■ 144320

■ 3C433E

■ 0D431B

■ 434343

■ 064316

■ 4A4348

■ 004311

■ 50434D

■ 574352

■ 5E4357

■ 64435C

Harmonies

Analogous

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



384025



28432F



16443C

Triad

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



28432F



2A3E58



573430

Complementary

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



28432F



43283C

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.



56333E



28432F



3E3A54

Square

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



28432F



124254



4E354B



513726

Rectangle

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



28432F



0B4446



4E354B



583335

Sweetspot

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



28432F



4C574F



3C4328



252B27



ABABAB



2B2B2B

Same Dimension

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



28432F



2D5738



28433C



1E211F



006119



00E03A

Inverse Universe

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



43283C



572D4C



43282F



211E20



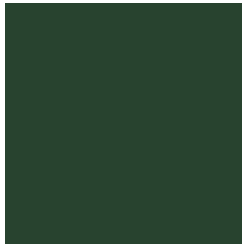
610048



E000A6

Previews

White Background



This preview shows how the Hex color 28432F looks on a white background.

Color Contrast Check

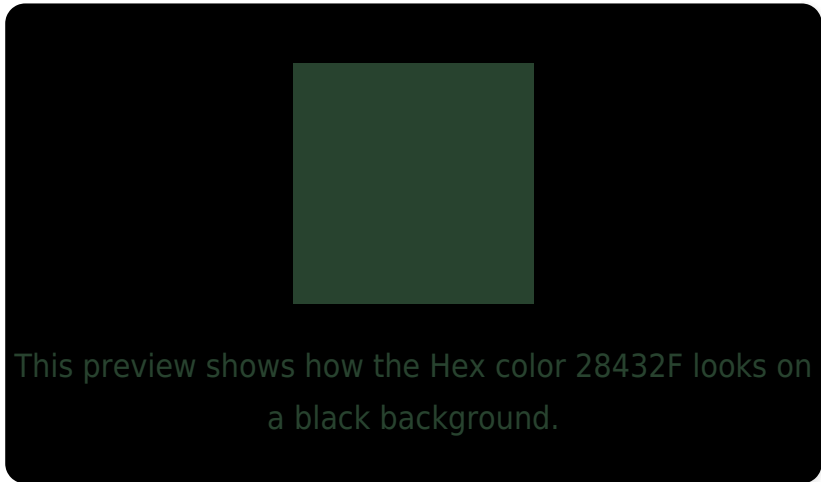
Large Text (above 18pt) WCAG AA ✓ Pass

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

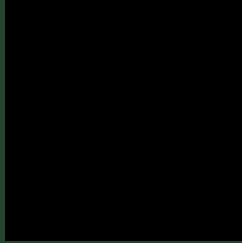
Any Text WCAG AA × Fail

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 28432F Background



This preview shows how black text looks on a background with the Hex color 28432F.



This preview shows how white text looks on a background with the Hex color 28432F.

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
28432F

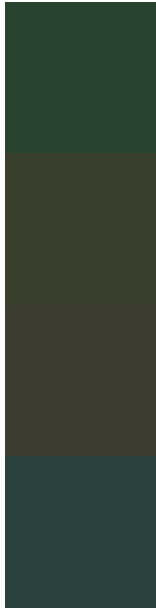
Protanopia
413D2C

Deuteranopia
473A31



Tritanopia
2D4045

Trichromacy



Original Color
28432F

Protanomaly
383F2D

Deuteranomaly
3C3D30

Tritanomaly
2B413D

Monochromacy



Original Color
28432F

Achromatopsia
393939

Achromatomaly
333D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 28432F 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 #28432F looks like.

```
.text, #text, p{  
    color:#28432F  
}
```

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 #28432F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28432F
}
```

Border

The CSS property to change the border of an element to Hex 28432F is called "border". The border property can be set on classes, ids or directly on the HTML element.

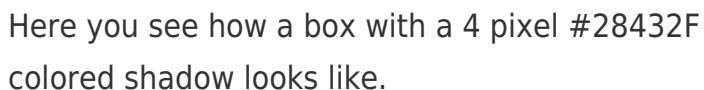
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28432F }
```

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

```
.border{ border-color:#28432F }
```

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



Here you see how a box with a 4 pixel #28432F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28432F; -webkit-box-shadow:4px 4px  
4px 4px #28432F; box-shadow:4px 4px 4px  
4px #28432F }
```

Background

The CSS property to change the background color of an element to Hex 28432F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28432F }
```

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

```
.background{ background-color:#28432F }
```

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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