

Converting Colors

Hex(28402E)

Have a look what the booklet for
Hex(28402E) contains.

Hex(28402E)	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(28402E)

Conversions

Conversions Part 1

Format	Color
Hex	28402E
RGB	40, 64, 46
RGB Percent	16%, 25%, 18%
CMY	0.8431, 0.7490, 0.8196
CMYK	0.38, 0.00, 0.28, 0.75
HSL	135°, 23%, 20%
HSV	135°, 38%, 25%
XYZ	3.2016, 4.3152, 3.2489
YIQ	54.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

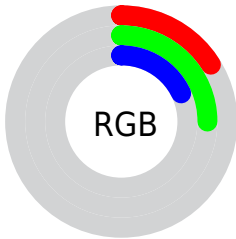
Format	Color
RYB	40, 59, 64
Decimal	2637870
CIELab	24.69, -13.90, 8.12
CIELCh	25, 16.094, 149.712
Yxy	4.3152, 0.2974, 0.4008
Android (android.graphics.Color)	4280827950 (0xFF28402E)
YUV	54.7720, -4.3246, -12.9550
Hunter-Lab	20.7730, -8.8416, 5.2680

Details

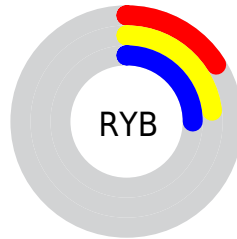
The Hex color **28402E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **40283A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **56705C**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **224029**, and if you desaturate by 10%, it is **2E4033**.

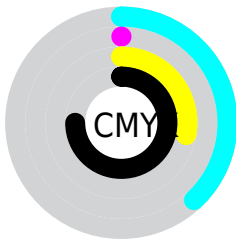
Distribution



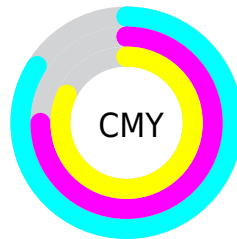
- Red (16%)
- Green (25%)
- Blue (18%)



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



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28402E 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 28402E by changing the saturation by 10% instead.

■ 28402E

■ 28402E

FFFFFF

■ 132A19

■ 56705C

■ 001600

■ 6F8974

■ 000000

■ 88A48E

■ A3BFA8

■ BEDBC4

■ DAF7E0

■ F6FFFC

■ 28402E

■ 28402E

■ 224029

■ 2E4033

■ 1B4024

■ 354038

■ 154020

■ 3B403C

■ 0E401B

■ 424041

■ 084016

■ 484046

■ 024011

■ 4E404B

■ 004010

■ 554050

■ 5B4054

■ 624059

Harmonies

Analogous

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



363D25



28402E



19413A

Triad

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



28402E



2A3C53



52322F

Complementary

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



28402E



40283A

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.



51313B



28402E



3C3850

Square

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



28402E



173F4F



4A3347



4D3626

Rectangle

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



28402E



114142



4A3347



533233

Sweetspot

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



28402E



4B544D



3A4028



262B27



ABABAB



2B2B2B

Same Dimension

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



28402E



2E5438



28403A



1E211F



006118



00E038

Inverse Universe

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



40283A



542E4B



40282E



211E20



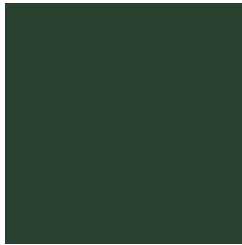
610049



E000A8

Previews

White Background



This preview shows how the Hex color 28402E looks on a white background.

Color Contrast Check

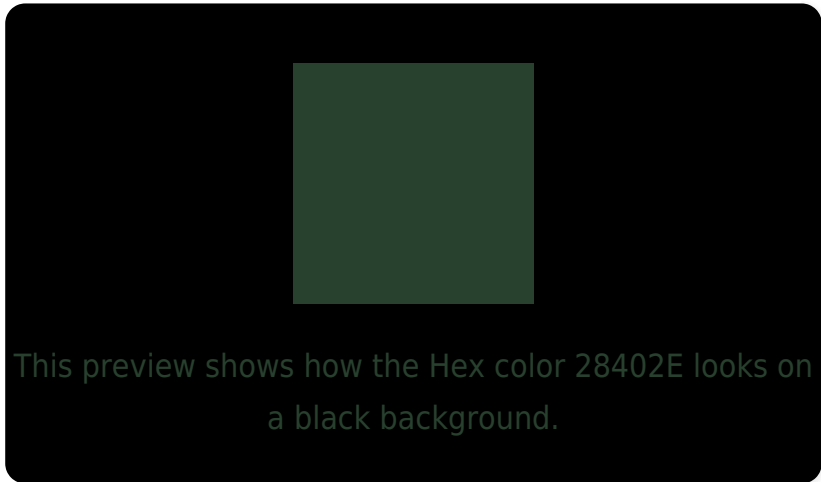
Large Text (above 18pt) WCAG AA ✓ Pass

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

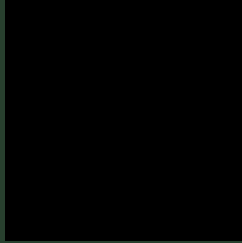
Any Text WCAG AA × Fail

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 28402E Background



This preview shows how black text looks on a background with the Hex color 28402E.



This preview shows how white text looks on a background with the Hex color 28402E.

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
28402E

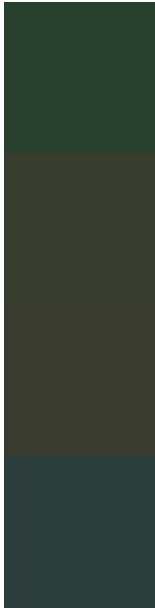
Protanopia
3F3A2B

Deuteranopia
443830



Tritanopia
2C3D42

Trichromacy



Original Color
28402E

Protanomaly
373C2C

Deuteranomaly
3A3B2F

Tritanomaly
2B3E3B

Monochromacy



Original Color
28402E

Achromatopsia
373737

Achromatomaly
323A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 28402E 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 #28402E looks like.

```
.text, #text, p{  
    color:#28402E  
}
```

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 #28402E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28402E
}
```

Border

The CSS property to change the border of an element to Hex 28402E 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".

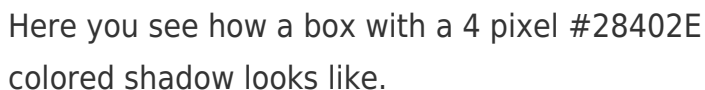
```
.border, #border, table{ border:4px solid
#28402E }
```

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

```
.border{ border-color:#28402E }
```

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

Here you see how a box with a 4 pixel #28402E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28402E; -webkit-box-shadow:4px 4px  
4px 4px #28402E; box-shadow:4px 4px 4px  
4px #28402E }
```

Background

The CSS property to change the background color of an element to Hex 28402E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28402E }
```

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

```
.background{ background-color:#28402E }
```

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