

Converting Colors

Hex(27412C)

Have a look what the booklet for
Hex(27412C) contains.

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Color

Hex(27412C)

Conversions

Conversions Part 1

Format	Color
Hex	27412C
RGB	39, 65, 44
RGB Percent	15%, 25%, 17%
CMY	0.8471, 0.7451, 0.8275
CMYK	0.40, 0.00, 0.32, 0.75
HSL	132°, 25%, 20%
HSV	132°, 40%, 25%
XYZ	3.1816, 4.3938, 3.0633
YIQ	54.8320, -8.7550, -12.0430

Conversions

Conversions Part 2

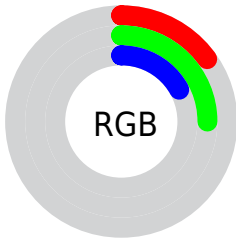
Format	Color
RYB	39, 61, 65
Decimal	2572588
CIELab	24.93, -15.29, 9.75
CIELCh	25, 18.134, 147.493
Yxy	4.3938, 0.2991, 0.4130
Android (android.graphics.Color)	4280762668 (0xFF27412C)
YUV	54.8320, -5.3402, -13.8847
Hunter-Lab	20.9613, -9.5887, 6.0084

Details

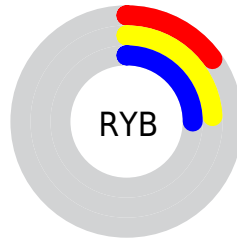
The Hex color **27412C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **41273C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **55715A**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **214127**, and if you desaturate by 10%, it is **2E4131**.

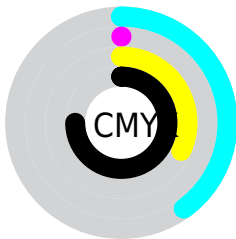
Distribution



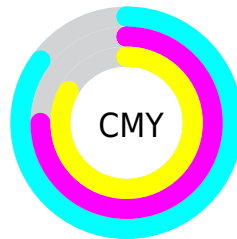
- Red (15%)
- Green (25%)
- Blue (17%)



- Red (15%)
- Yellow (24%)
- Blue (25%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27412C 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 27412C by changing the saturation by 10% instead.

■ 27412C

■ 27412C

FFFFFF

■ 112B17

■ 55715A

■ 001700

■ 6E8B72

■ 000000

■ 87A58C

■ A2C0A6

■ BDDCC1

■ D9F9DD

■ F5FFFA

■ 27412C

■ 27412C

■ 214127

■ 2E4131

■ 1A4121

■ 344136

■ 14411C

■ 3B413C

■ 0D4117

■ 414141

■ 064112

■ 484146

■ 00410C

■ 4E414C

■ 554151

■ 5B4156

■ 62415B

Harmonies

Analogous

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



373E22



27412C



144239

Triad

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



27412C



253D56



56312F

Complementary

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



27412C



41273C

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.



54313D



27412C



3B3853

Square

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



27412C



0C4052



4B334A



503525

Rectangle

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



27412C



064243



4B334A



563134

Sweetspot

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



27412C



4A544C



3C4127



252B26



ABABAB



2B2B2B

Same Dimension

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



27412C



2C5434



274139



1E211E



006113



00E02B

Inverse Universe

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



41273C



542C4C



41272F



211E21



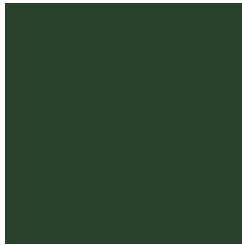
61004E



E000B5

Previews

White Background



This preview shows how the Hex color 27412C looks on a white background.

Color Contrast Check

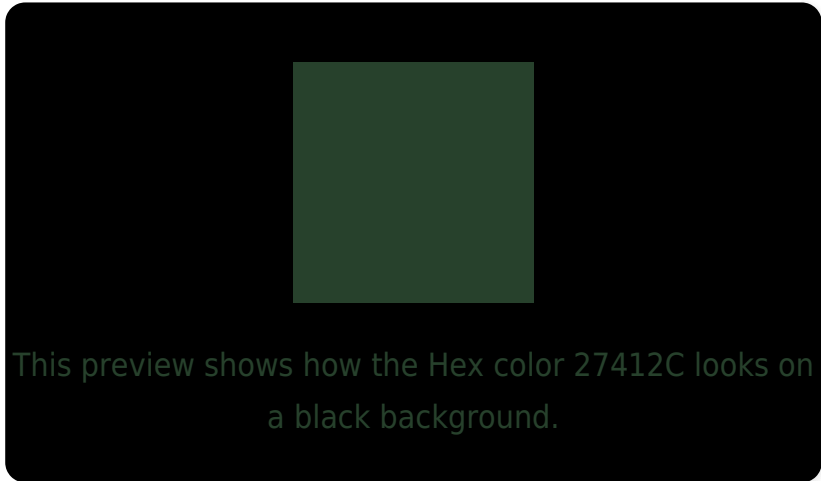
Large Text (above 18pt) WCAG AA ✓ Pass

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

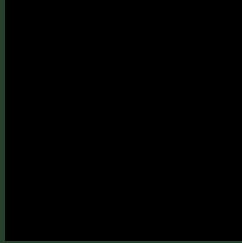
Any Text WCAG AA × Fail

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 27412C Background



This preview shows how black text looks on a background with the Hex color 27412C.



This preview shows how white text looks on a background with the Hex color 27412C.

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
27412C

Protanopia
403B29

Deuteranopia
45392E



Tritanopia
2C3E43

Trichromacy



Original Color
27412C

Protanomaly
373D2A

Deuteranomaly
3A3C2D

Tritanomaly
2A3F3B

Monochromacy



Original Color
27412C

Achromatopsia
373737

Achromatomaly
313B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 27412C 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 #27412C looks like.

```
.text, #text, p{  
    color:#27412C  
}
```

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 #27412C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27412C
}
```

Border

The CSS property to change the border of an element to Hex 27412C 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".

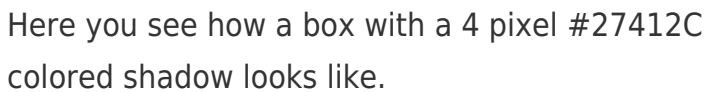
```
.border, #border, table{ border:4px solid
#27412C }
```

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

```
.border{ border-color:#27412C }
```

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

Here you see how a box with a 4 pixel #27412C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27412C; -webkit-box-shadow:4px 4px  
4px 4px #27412C; box-shadow:4px 4px 4px  
4px #27412C }
```

Background

The CSS property to change the background color of an element to Hex 27412C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27412C }
```

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

```
.background{ background-color:#27412C }
```

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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