

Converting Colors

Hex(27434C)

Have a look what the booklet for
Hex(27434C) contains.

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Color

Hex(27434C)

Conversions

Conversions Part 1

Format	Color
Hex	27434C
RGB	39, 67, 76
RGB Percent	15%, 26%, 30%
CMY	0.8471, 0.7373, 0.7020
CMYK	0.49, 0.12, 0.00, 0.70
HSL	195°, 32%, 23%
HSV	195°, 49%, 30%
XYZ	4.1484, 4.9674, 7.5776
YIQ	59.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

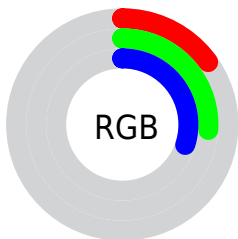
Format	Color
R_{YB}	39, 55, 76
Decimal	2573132
CIE Lab	26.64, -7.76, -8.75
CIE LCh	27, 11.692, 228.421
Yxy	4.9674, 0.2485, 0.2976
Android (android.graphics.Color)	4280763212 (0xFF27434C)
YUV	59.6540, 8.0586, -18.1136
Hunter-Lab	22.2878, -5.7799, -4.5566




Details

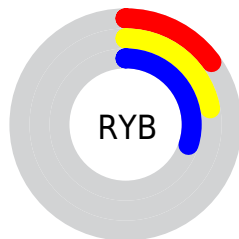
The Hex color **27434C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C3027**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **57737D**, and **001920** is the 20% darker color. If you saturate the color by 10%, you get **1F414C**, and if you desaturate by 10%, it is **2F454C**.

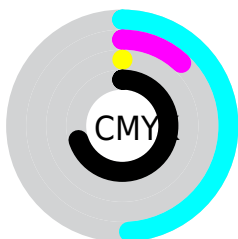
Distribution







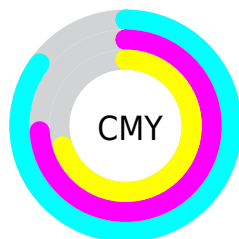
-  Red (15%)
-  Green (26%)
-  Blue (30%)






-  Red (15%)
-  Yellow (22%)
-  Blue (30%)



-  Cyan (49%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (85%)
-  Magenta (74%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27434C 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 27434C by changing the saturation by 10% instead.

■ 27434C

■ 27434C

FFFFFF

■ 102D35

■ 57737D

■ 001920

■ 708D97

■ 000007

■ 89A7B1

■ 000000

■ A4C2CD

■ BFDEE9

■ DCFBFF

■ F8FFFF

■ 27434C

■ 27434C

■ 1F414C

■ 2F454C

■ 183F4C

■ 36474C

■ 103D4C

■ 3E494C

■ 093C4C

■ 454A4C

■ 013A4C

■ 4D4C4C

■ 003A4C

■ 554E4C

■ 5C504C

■ 64524C

■ 6B544C

Harmonies

Analogous

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



264444



27434C



304150

Triad

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



27434C



4F3943



40402E

Complementary

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



27434C



4C3027

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.



493D2E



27434C



51393A

Square

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



27434C



473B4B



4F3A32



364233

Rectangle

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



27434C



383F50



4F3A32



433F2D

Sweetspot

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



27434C



556063



274C30



2A3133



B3B3B3



333333

Same Dimension

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



27434C



2A5563



27314C



222526



004D66



00AEE6

Inverse Universe

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



4C2743



632A55



4C4227



262225



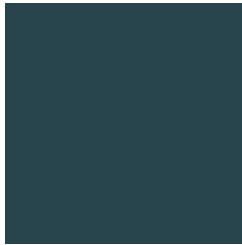
66004D



E600AE

Previews

White Background



This preview shows how the Hex color 27434C looks on a white background.

Color Contrast Check

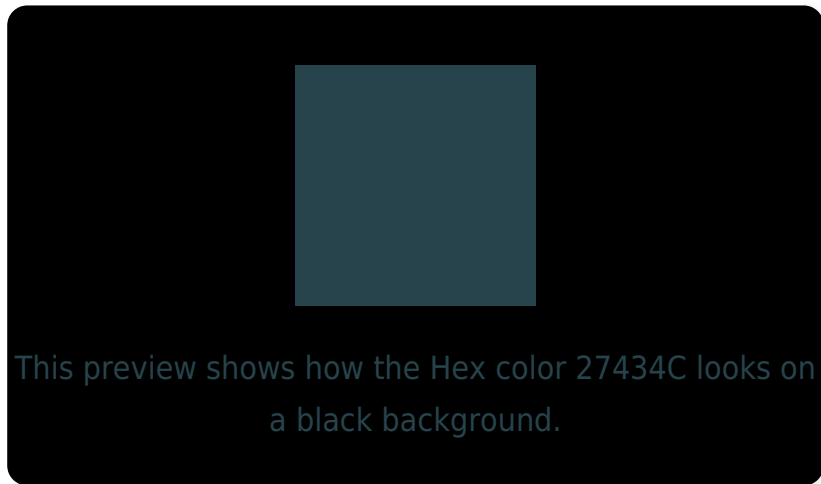
Large Text (above 18pt) WCAG AA ✓ Pass

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

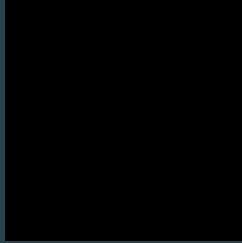
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

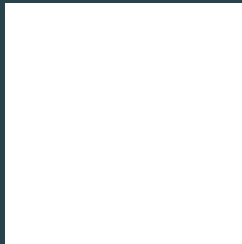
Any Text WCAG AAA × Fail

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

Hex 27434C Background



This preview shows how black text looks on a background with the Hex color 27434C.



This preview shows how white text looks on a background with the Hex color 27434C.

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](#).

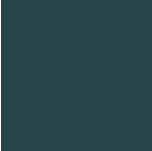
Dichromacy



Original Color
27434C

Protanopia
3D3E49

Deuteranopia
3E3E4D



Tritanopia
264449

Trichromacy



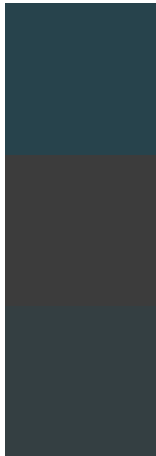
Original Color
27434C

Protanomaly
35404A

Deuteranomaly
36404D

Tritanomaly
26444A

Monochromacy



Original Color
27434C

Achromatopsia
3C3C3C

Achromatomaly
343F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 27434C 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 #27434C looks like.

```
.text, #text, p{  
    color:#27434C  
}
```

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 #27434C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27434C
}
```

Border

The CSS property to change the border of an element to Hex 27434C is called "border". The border property can be set on classes, ids or directly on the HTML element.

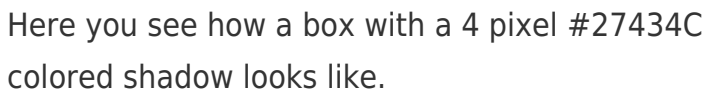
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27434C }
```

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

```
.border{ border-color:#27434C }
```

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



Here you see how a box with a 4 pixel #27434C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27434C; -webkit-box-shadow:4px 4px  
4px 4px #27434C; box-shadow:4px 4px 4px  
4px #27434C }
```

Background

The CSS property to change the background color of an element to Hex 27434C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27434C }
```

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

```
.background{ background-color:#27434C }
```

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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