

Converting Colors

Hex(2D434D)

Have a look what the booklet for
Hex(2D434D) contains.

Hex(2D434D)	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(2D434D)

Conversions

Conversions Part 1

Format	Color
Hex	2D434D
RGB	45, 67, 77
RGB Percent	18%, 26%, 30%
CMY	0.8235, 0.7373, 0.6980
CMYK	0.42, 0.13, 0.00, 0.70
HSL	199°, 26%, 24%
HSV	199°, 42%, 30%
XYZ	4.4289, 5.1080, 7.7737
YIQ	61.5620, -16.3220, -1.5540

Conversions

Conversions Part 2

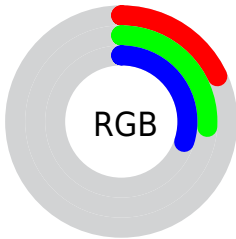
Format	Color
RYB	45, 58, 77
Decimal	2966349
CIELab	27.04, -5.59, -8.76
CIElCh	27, 10.396, 237.442
Yxy	5.1080, 0.2558, 0.2951
Android (android.graphics.Color)	4281156429 (0xFF2D434D)
YUV	61.5620, 7.6109, -14.5249
Hunter-Lab	22.6009, -4.5726, -4.5724

Details

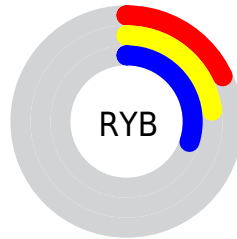
The Hex color **2D434D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D372D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5C737E**, and **001821** is the 20% darker color. If you saturate the color by 10%, you get **25414D**, and if you desaturate by 10%, it is **35454D**.

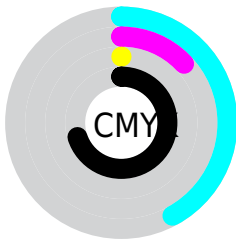
Distribution



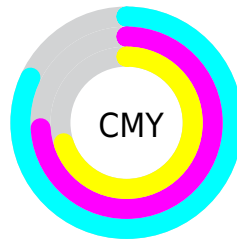
- Red (18%)
- Green (26%)
- Blue (30%)



- Red (18%)
- Yellow (23%)
- Blue (30%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (70%)



- Cyan (82%)
- Magenta (74%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D434D 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 2D434D by changing the saturation by 10% instead.

■ 2D434D

■ 2D434D

FFFFFF

■ 172D36

■ 5C737E

■ 001821

■ 758C98

■ 000009

■ 8FA7B3

■ 000000

■ AAC2CE

■ C5DEEA

■ E2FBFF

FEFFFF

■ 2D434D

■ 2D434D

■ 25414D

■ 35454D

■ 1E3E4D

■ 3C484D

■ 163C4D

■ 444A4D

■ 0E394D

■ 4C4D4D

■ 06374D

■ 544F4D

■ 00354D

■ 5B514D

■ 63544D

■ 6B564D

■ 72594D

Harmonies

Analogous

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



2A4447



2D434D



364150

Triad

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



2D434D



4F3A41



3E4232

Complementary

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



2D434D



4D372D

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.



473F30



2D434D



503B39

Square

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



2D434D



4A3C49



4D3D33



354337

Rectangle

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



2D434D



3D3F4F



4D3D33



414131

Sweetspot

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



2D434D



586063



2D4D37



2C3133



B3B3B3



333333

Same Dimension

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



2D434D



325463



2D334D



222526



004666



009EE6

Inverse Universe

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



4D2D43



633254



4D472D



262225



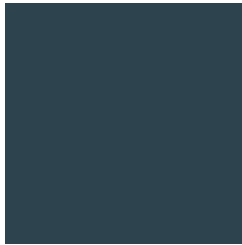
660046



E6009E

Previews

White Background



This preview shows how the Hex color 2D434D looks on a white background.

Color Contrast Check

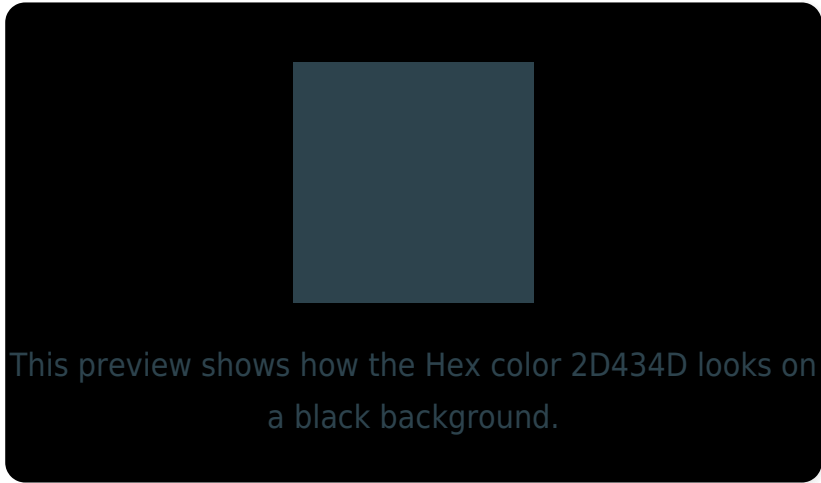
Large Text (above 18pt) WCAG AA ✓ Pass

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

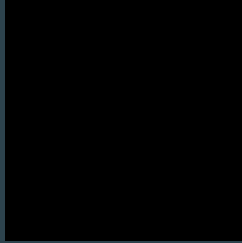
Any Text WCAG AA × Fail

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 2D434D Background



This preview shows how black text looks on a background with the Hex color 2D434D.



This preview shows how white text looks on a background with the Hex color 2D434D.

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
2D434D

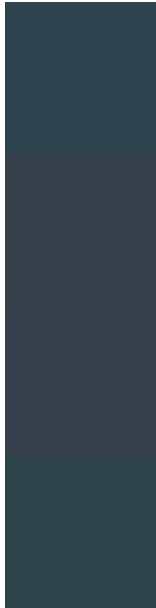
Protanopia
3E3F4A

Deuteranopia
3F3E4E



Tritanopia
2C4449

Trichromacy



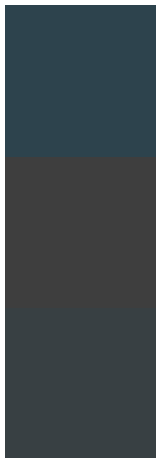
Original Color
2D434D

Protanomaly
38404B

Deuteranomaly
38404E

Tritanomaly
2C444A

Monochromacy



Original Color
2D434D

Achromatopsia
3E3E3E

Achromatomaly
384043

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D434D 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 #2D434D looks like.

```
.text, #text, p{  
    color:#2D434D  
}
```

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 #2D434D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D434D
}
```

Border

The CSS property to change the border of an element to Hex 2D434D 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
#2D434D }
```

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

```
.border{ border-color:#2D434D }
```

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

Here you see how a box with a 4 pixel #2D434D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D434D; -webkit-box-shadow:4px 4px  
4px 4px #2D434D; box-shadow:4px 4px 4px  
4px #2D434D }
```

Background

The CSS property to change the background color of an element to Hex 2D434D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D434D }
```

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

```
.background{ background-color:#2D434D }
```

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