

Converting Colors

Hex(2F414A)

Have a look what the booklet for
Hex(2F414A) contains.

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Color

Hex(2F414A)

Conversions

Conversions Part 1

Format	Color
Hex	2F414A
RGB	47, 65, 74
RGB Percent	18%, 25%, 29%
CMY	0.8157, 0.7451, 0.7098
CMYK	0.36, 0.12, 0.00, 0.71
HSL	200°, 22%, 24%
HSV	200°, 36%, 29%
XYZ	4.2986, 4.8793, 7.1938
YIQ	60.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

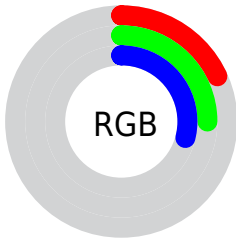
Format	Color
RYB	47, 58, 74
Decimal	3096906
CIELab	26.39, -4.57, -7.77
CIELCh	26, 9.012, 239.561
Yxy	4.8793, 0.2626, 0.2980
Android (android.graphics.Color)	4281286986 (0xFF2F414A)
YUV	60.6440, 6.5845, -11.9658
Hunter-Lab	22.0892, -3.9196, -3.8465

Details

The Hex color **2F414A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A382F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5E717B**, and **02171E** is the 20% darker color. If you saturate the color by 10%, you get **283F4A**, and if you desaturate by 10%, it is **36434A**.

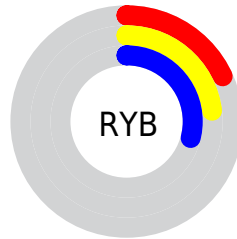
Distribution



Red (18%)

Green (25%)

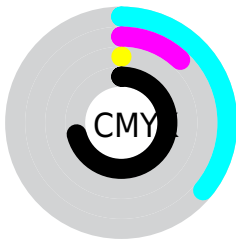
Blue (29%)



Red (18%)

Yellow (23%)

Blue (29%)

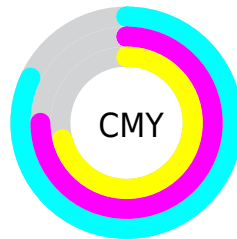


Cyan (36%)

Magenta (12%)

Yellow (0%)

Black (71%)



Cyan (82%)

Magenta (75%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F414A 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 2F414A by changing the saturation by 10% instead.

■ 2F414A

■ 2F414A

FFFFFF

■ 192B33

■ 5E717B

■ 02171E

■ 778A94

■ 000004

■ 91A4AF

■ 000000

■ ACC0CA

■ C7DBE7

■ E3F8FF

■ 2F414A

■ 2F414A

■ 283F4A

■ 36434A

■ 203C4A

■ 3E464A

■ 193A4A

■ 45484A

■ 11374A

■ 4D4B4A

■ 0A354A

■ 544D4A

■ 03324A

■ 5B504A

■ 00314A

■ 63524A

■ 6A554A

■ 72574A

Harmonies

Analogous

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



2C4245



2F414A



373F4C

Triad

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



2F414A



4C3A3F



3C4032

Complementary

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



2F414A



4A382F

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.



443E31



2F414A



4D3A38

Square

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



2F414A



473B45



4A3C33



354237

Rectangle

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



2F414A



3D3D4B



4A3C33



3F3F31

Sweetspot

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



2F414A



565D61



2F4A38



2A2E30



B0B0B0



303030

Same Dimension

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



2F414A



365361



2F344A



222526



004466



0099E6

Inverse Universe

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



4A2F41



613653



4A462F



262225



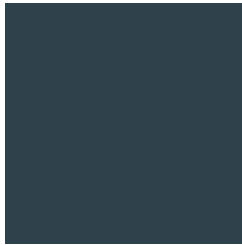
660044



E60099

Previews

White Background



This preview shows how the Hex color 2F414A 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

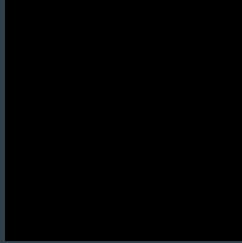
Any Text WCAG AA × Fail

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 2F414A Background



This preview shows how black text looks on a background with the Hex color 2F414A.



This preview shows how white text looks on a background with the Hex color 2F414A.

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

2F414A

Protanopia

3C3E48

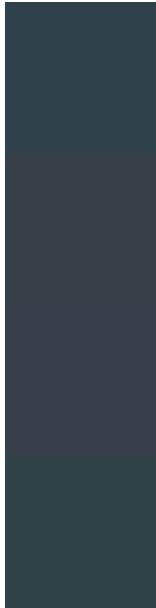
Deuteranopia

3E3D4B



Tritanopia
2E4247

Trichromacy



Original Color
2F414A

Protanomaly
373F49

Deuteranomaly
393E4B

Tritanomaly
2E4248

Monochromacy



Original Color
2F414A

Achromatopsia
3D3D3D

Achromatomaly
383E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F414A 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 #2F414A looks like.

```
.text, #text, p{  
    color:#2F414A  
}
```

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 #2F414A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F414A
}
```

Border

The CSS property to change the border of an element to Hex 2F414A is called "border". The border property can be set on classes, ids or directly on the HTML element.

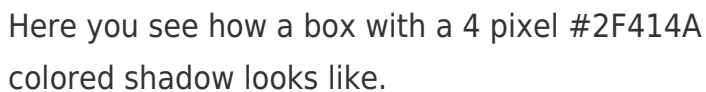
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F414A }
```

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

```
.border{ border-color:#2F414A }
```

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



Here you see how a box with a 4 pixel #2F414A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F414A; -webkit-box-shadow:4px 4px  
4px 4px #2F414A; box-shadow:4px 4px 4px  
4px #2F414A }
```

Background

The CSS property to change the background color of an element to Hex 2F414A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F414A }
```

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

```
.background{ background-color:#2F414A }
```

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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