

Converting Colors

Hex(2F404B)

Have a look what the booklet for
Hex(2F404B) contains.

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Color

Hex(2F404B)

Conversions

Conversions Part 1

Format	Color
Hex	2F404B
RGB	47, 64, 75
RGB Percent	18%, 25%, 29%
CMY	0.8157, 0.7490, 0.7059
CMYK	0.37, 0.15, 0.00, 0.71
HSL	204°, 23%, 24%
HSV	204°, 37%, 29%
XYZ	4.2757, 4.7791, 7.3537
YIQ	60.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

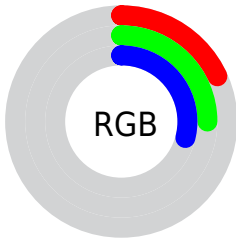
Format	Color
R_YB	47, 58, 75
Decimal	3096651
CIE Lab	26.10, -3.62, -8.87
CIE LCh	26, 9.580, 247.776
Yxy	4.7791, 0.2606, 0.2913
Android (android.graphics.Color)	4281286731 (0xFF2F404B)
YUV	60.1710, 7.3107, -11.5510
Hunter-Lab	21.8612, -3.3455, -4.6412

Details

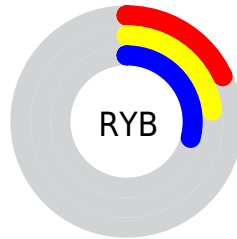
The Hex color **2F404B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B3A2F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5E707C**, and **02161F** is the 20% darker color. If you saturate the color by 10%, you get **283D4B**, and if you desaturate by 10%, it is **37434B**.

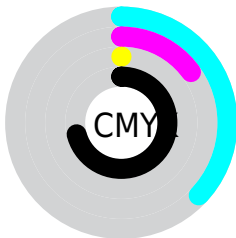
Distribution



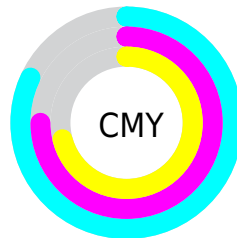
- Red (18%)
- Green (25%)
- Blue (29%)



- Red (18%)
- Yellow (23%)
- Blue (29%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (71%)



- Cyan (82%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F404B 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 2F404B by changing the saturation by 10% instead.

■ 2F404B

■ 2F404B

FFFFFF

■ 192A34

■ 5E707C

■ 02161F

■ 778996

■ 000005

■ 91A3B0

■ 000000

■ ACBECC

■ C7DAE8

■ E3F7FF

■ 2F404B

■ 2F404B

■ 283D4B

■ 37434B

■ 203A4B

■ 3E464B

■ 19374B

■ 46494B

■ 11344B

■ 4D4C4B

■ 0A314B

■ 554F4B

■ 022E4B

■ 5C524B

■ 002E4B

■ 64554B

■ 6B584B

■ 735B4B

Harmonies

Analogous

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



2A4146



2F404B



383E4C

Triad

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



2F404B



4D393C



394032

Complementary

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



2F404B



4B3A2F

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.



413E2F



2F404B



4C3935

Square

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



2F404B



493943



483B31



314138

Rectangle

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



2F404B



3E3C4B



483B31



3C3F31

Sweetspot

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



2F404B



565D61



2F4B3A



2A2E30



B0B0B0



303030

Same Dimension

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



2F404B



355061



2F324B



222526



003E66



008BE6

Inverse Universe

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



4B2F40



613550



4B482F



262225



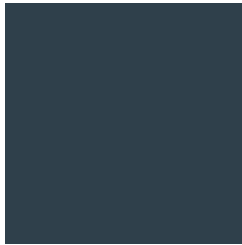
66003E



E6008B

Previews

White Background



This preview shows how the Hex color 2F404B 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

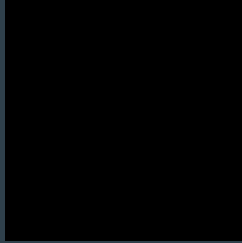
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

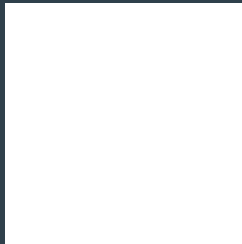
Any Text WCAG AAA × Fail

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

Hex 2F404B Background



This preview shows how black text looks on a background with the Hex color 2F404B.



This preview shows how white text looks on a background with the Hex color 2F404B.

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](#).

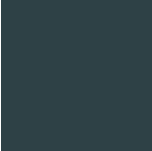
Dichromacy



Original Color
2F404B

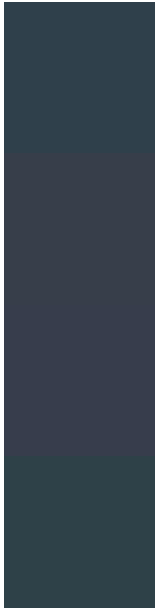
Protanopia
3B3D49

Deuteranopia
3C3C4C



Tritanopia
2E4146

Trichromacy



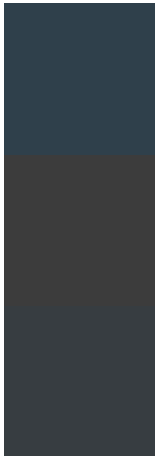
Original Color
2F404B

Protanomaly
373E4A

Deuteranomaly
373D4C

Tritanomaly
2E4148

Monochromacy



Original Color
2F404B

Achromatopsia
3C3C3C

Achromatomaly
373D41

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F404B 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 #2F404B looks like.

```
.text, #text, p{  
    color:#2F404B  
}
```

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 #2F404B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F404B
}
```

Border

The CSS property to change the border of an element to Hex 2F404B 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
#2F404B }
```

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

```
.border{ border-color:#2F404B }
```

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

Here you see how a box with a 4 pixel #2F404B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F404B; -webkit-box-shadow:4px 4px  
4px 4px #2F404B; box-shadow:4px 4px 4px  
4px #2F404B }
```

Background

The CSS property to change the background color of an element to Hex 2F404B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F404B }
```

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

```
.background{ background-color:#2F404B }
```

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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