

Converting Colors

Hex(2B404F)

Have a look what the booklet for
Hex(2B404F) contains.

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Color

Hex(2B404F)

Conversions

Conversions Part 1

Format	Color
Hex	2B404F
RGB	43, 64, 79
RGB Percent	17%, 25%, 31%
CMY	0.8314, 0.7490, 0.6902
CMYK	0.46, 0.19, 0.00, 0.69
HSL	205°, 30%, 24%
HSV	205°, 46%, 31%
XYZ	4.2409, 4.7449, 8.0895
YIQ	59.4310, -17.3310, 0.2130

Conversions

Conversions Part 2

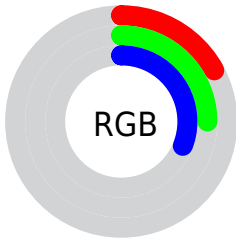
Format	Color
R_{YB}	43, 56, 79
Decimal	2834511
CIE Lab	26.00, -3.67, -11.67
CIE LCh	26, 12.237, 252.536
Yxy	4.7449, 0.2484, 0.2779
Android (android.graphics.Color)	4281024591 (0xFF2B404F)
YUV	59.4310, 9.6475, -14.4100
Hunter-Lab	21.7828, -3.3673, -6.7706

Details

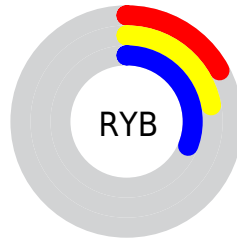
The Hex color **2B404F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F3A2B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5A7080**, and **001623** is the 20% darker color. If you saturate the color by 10%, you get **233D4F**, and if you desaturate by 10%, it is **33434F**.

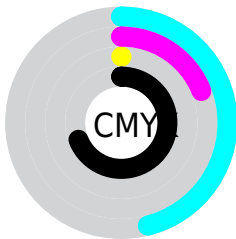
Distribution



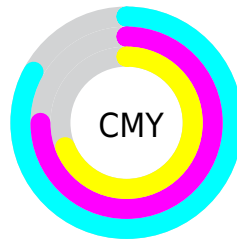
- Red (17%)
- Green (25%)
- Blue (31%)



- Red (17%)
- Yellow (22%)
- Blue (31%)



- Cyan (46%)
- Magenta (19%)
- Yellow (0%)
- Black (69%)



- Cyan (83%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B404F 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 2B404F by changing the saturation by 10% instead.

■ 2B404F

■ 2B404F

FFFFFF

■ 142A38

■ 5A7080

■ 001623

■ 74899A

■ 00000C

■ 8DA3B5

■ 000000

■ A8BED1

■ C4DAED

■ E0F7FF

■ FCFFFF

■ 2B404F

■ 2B404F

■ 233D4F

■ 33434F

■ 1B394F

■ 3B474F

■ 13364F

■ 434A4F

■ 0B334F

■ 4B4D4F

■ 04304F

■ 53504F

■ 002E4F

■ 5A544F

■ 62574F

■ 6A5A4F

■ 725E4F

Harmonies

Analogous

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



23424A



2B404F



383D50

Triad

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



2B404F



50373A



364130

Complementary

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



2B404F



4F3A2B

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.



403E2B



2B404F



4F3831

Square

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



2B404F



4D3743



493B2C



2C4238

Rectangle

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



2B404F



403B4D



493B2C



39402E

Sweetspot

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



2B404F



586066



2B4F3A



2A2F33



B3B3B3



333333

Same Dimension

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



2B404F



2E4F66



2B2E4F



222526



003B66



0086E6

Inverse Universe

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



4F2B40



662E4F



4F4C2B



262225



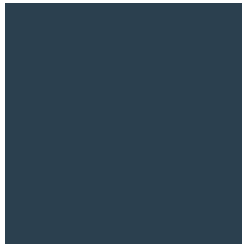
66003C



E60086

Previews

White Background



This preview shows how the Hex color 2B404F 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

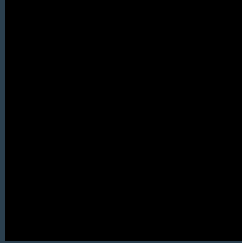
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

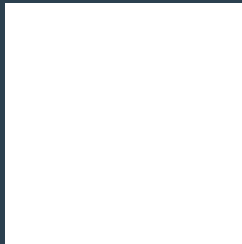
Any Text WCAG AAA × Fail

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

Hex 2B404F Background



This preview shows how black text looks on a background with the Hex color 2B404F.



This preview shows how white text looks on a background with the Hex color 2B404F.

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
2B404F

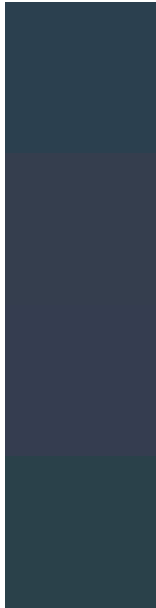
Protanopia
3A3D4D

Deuteranopia
3A3C50



Tritanopia
294147

Trichromacy



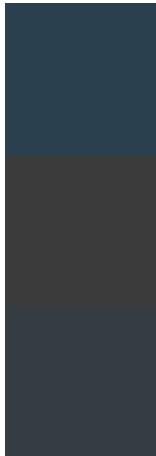
Original Color
2B404F

Protanomaly
353E4E

Deuteranomaly
353D50

Tritanomaly
2A414A

Monochromacy



Original Color
2B404F

Achromatopsia
3B3B3B

Achromatomaly
353D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B404F 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 #2B404F looks like.

```
.text, #text, p{  
    color:#2B404F  
}
```

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 #2B404F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B404F
}
```

Border

The CSS property to change the border of an element to Hex 2B404F 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
#2B404F }
```

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

```
.border{ border-color:#2B404F }
```

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

Here you see how a box with a 4 pixel #2B404F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B404F; -webkit-box-shadow:4px 4px  
4px 4px #2B404F; box-shadow:4px 4px 4px  
4px #2B404F }
```

Background

The CSS property to change the background color of an element to Hex 2B404F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B404F }
```

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

```
.background{ background-color:#2B404F }
```

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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