

# Converting Colors

Hex(2A3E4B)

Have a look what the booklet for  
Hex(2A3E4B) contains.

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# Color

Hex(2A3E4B)

# Conversions

## Conversions Part 1

Format	Color
Hex	2A3E4B
RGB	42, 62, 75
RGB Percent	16%, 24%, 29%
CMY	0.8353, 0.7569, 0.7059
CMYK	0.44, 0.17, 0.00, 0.71
HSL	204°, 28%, 23%
HSV	204°, 44%, 29%
XYZ	3.9475, 4.4455, 7.3066
YIQ	57.5020, -16.0930, -0.1970

# Conversions

## Conversions Part 2

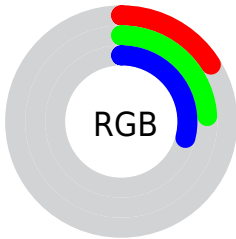
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 54, 75
Decimal	2768459
CIE Lab	25.09, -3.97, -10.42
CIE LCh	25, 11.155, 249.148
Yxy	4.4455, 0.2514, 0.2832
Android (android.graphics.Color)	4280958539 (0xFF2A3E4B)
YUV	57.5020, 8.6265, -13.5953
Hunter-Lab	21.0843, -3.4783, -5.7875

# Details

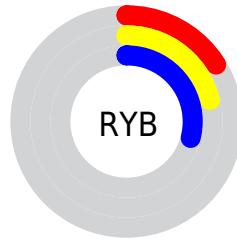
The Hex color **2A3E4B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B372A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **596D7C**, and **00141F** is the 20% darker color. If you saturate the color by 10%, you get **233B4B**, and if you desaturate by 10%, it is **31414B**.

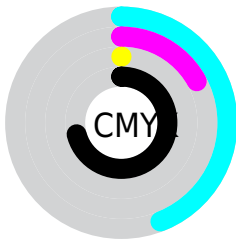
# Distribution



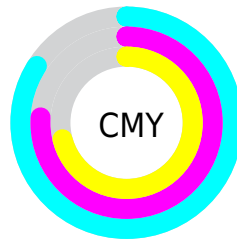
- Red (16%)
- Green (24%)
- Blue (29%)



- Red (16%)
- Yellow (21%)
- Blue (29%)



- Cyan (44%)
- Magenta (17%)
- Yellow (0%)
- Black (71%)



- Cyan (84%)
- Magenta (76%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A3E4B 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 2A3E4B by changing the saturation by 10% instead.





2A3E4B



2A3E4B

FFFFFF



142834



596D7C



00141F



728796



000005



8CA1B0



000000



A6BCCC



C2D8E8



DEF4FF



FBFFFF



2A3E4B



2A3E4B

■ 233B4B

■ 31414B

■ 1B384B

■ 39444B

■ 14354B

■ 41474B

■ 0C324B

■ 484A4B

■ 052F4B

■ 504D4B

■ 002D4B

■ 57504B

■ 5F534B

■ 66564B

■ 6E594B

# Harmonies

## Analogous

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



244046



2A3E4B



353B4C

# Triad

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



2A3E4B



4D3539



363E2E

# Complementary

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



2A3E4B



4B372A

# 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.



3F3C2B



2A3E4B



4C3731

# Square

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



2A3E4B



493642



47392C



2C4035

# Rectangle

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



2A3E4B



3D394A



47392C



393D2D



# Sweetspot

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



2A3E4B



545C61



2A4B37



292D30



B0B0B0



303030



# Same Dimension

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



2A3E4B



2E4D61



2A2E4B



222526



003E66



008BE6



# Inverse Universe

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



4B2A3E



612E4D



4B472A



262225



66003E

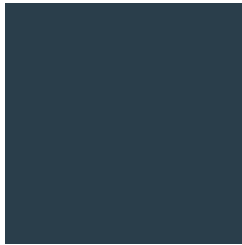


E6008B



# Previews

## White Background



This preview shows how the Hex color 2A3E4B looks on a white background.

## Color Contrast Check

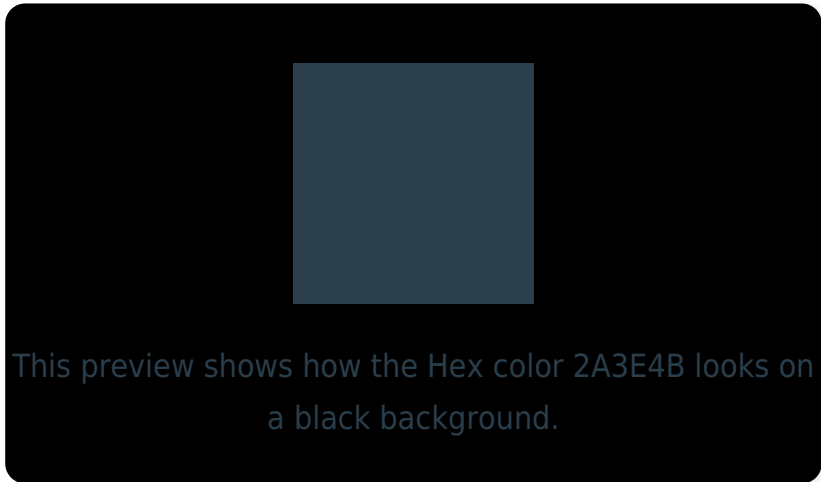
Large Text (above 18pt) WCAG AA ✓ Pass

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

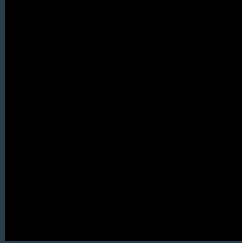
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

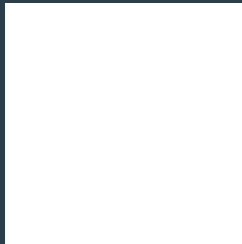
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A3E4B Background



This preview shows how black text looks on a background with the Hex color 2A3E4B.



This preview shows how white text looks on a background with the Hex color 2A3E4B.

# 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**  
2A3E4B

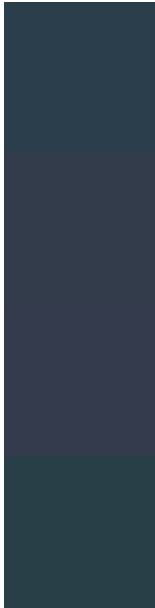
**Protanopia**  
383B49

**Deuteranopia**  
393A4C



**Tritanopia**  
283F44

# Trichromacy



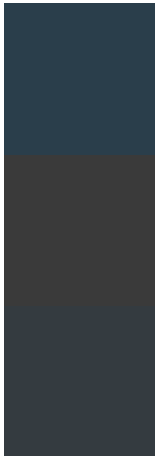
**Original Color**  
2A3E4B

**Protanomaly**  
333C4A

**Deuteranomaly**  
343B4C

**Tritanomaly**  
293F47

# Monochromacy



**Original Color**  
2A3E4B

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
343B40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A3E4B 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 #2A3E4B looks like.

```
.text, #text, p{  
    color:#2A3E4B  
}
```

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 #2A3E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3E4B
}
```

## Border

The CSS property to change the border of an element to Hex 2A3E4B 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
#2A3E4B }
```

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

```
.border{ border-color:#2A3E4B }
```

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

Here you see how a box with a 4 pixel #2A3E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3E4B; -webkit-box-shadow:4px 4px  
4px 4px #2A3E4B; box-shadow:4px 4px 4px  
4px #2A3E4B }
```

# Background

The CSS property to change the background color of an element to Hex 2A3E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3E4B }
```

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

```
.background{ background-color:#2A3E4B }
```

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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