

# Converting Colors

Hex(2B4349)

Have a look what the booklet for  
Hex(2B4349) contains.

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# Color

**Hex(2B4349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B4349
RGB	43, 67, 73
RGB Percent	17%, 26%, 29%
CMY	0.8314, 0.7373, 0.7137
CMYK	0.41, 0.08, 0.00, 0.71
HSL	192°, 26%, 23%
HSV	192°, 41%, 29%
XYZ	4.2060, 5.0089, 7.0485
YIQ	60.5080, -16.2300, -3.2220

# Conversions

## Conversions Part 2

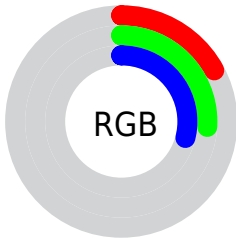
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 56, 73
Decimal	2835273
CIE Lab	26.76, -7.46, -6.58
CIE LCh	27, 9.946, 221.424
Yxy	5.0089, 0.2586, 0.3080
Android (android.graphics.Color)	4281025353 (0xFF2B4349)
YUV	60.5080, 6.1586, -15.3545
Hunter-Lab	22.3807, -5.6205, -3.0061

# Details

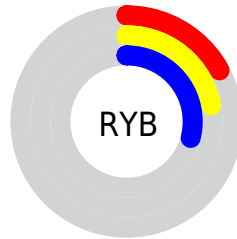
The Hex color **2B4349** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49312B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5A737A**, and **00191D** is the 20% darker color. If you saturate the color by 10%, you get **244249**, and if you desaturate by 10%, it is **324449**.

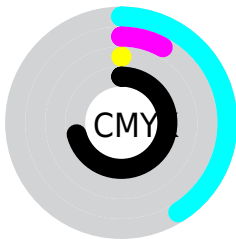
# Distribution



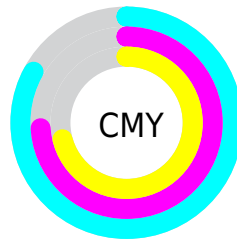
- Red (17%)
- Green (26%)
- Blue (29%)



- Red (17%)
- Yellow (22%)
- Blue (29%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (71%)



- Cyan (83%)
- Magenta (74%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B4349 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 2B4349 by changing the saturation by 10% instead.





2B4349



2B4349

FFFFFF



152D33



5A737A



00191D



738D93



000002



8DA7AE



000000



A8C2C9



C3DEE5



DFFBFF



FCFFFF



2B4349



2B4349

■ 244249

■ 324449

■ 1C4049

■ 3A4649

■ 153F49

■ 414749

■ 0E3D49

■ 484949

■ 073C49

■ 504A49

■ 003A49

■ 574C49

■ 5E4D49

■ 654F49

■ 6D5049

# Harmonies

## Analogous

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



2B4442



2B4349



31414D

# Triad

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



2B4349



4C3A44



424030

# Complementary

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



2B4349



49312B

# 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.



493D31



2B4349



4F3A3D

# Square

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



2B4349



443C4B



4E3B36



394234

# Rectangle

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



2B4349



37404E



4E3B36



453F30



# Sweetspot

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



2B4349



535C5E



2B4931



2A2F30



B0B0B0



303030



# Same Dimension

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



2B4349



30555E



2B3549



202324



005063



00B6E3



# Inverse Universe

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



492B43



5E3055



49402B



242023



630050

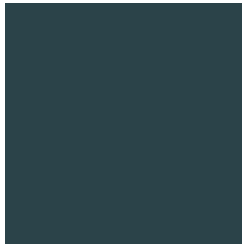


E300B6



# Previews

## White Background



This preview shows how the Hex color 2B4349 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

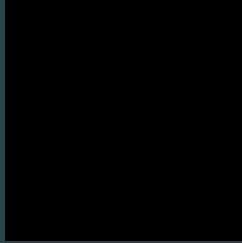
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

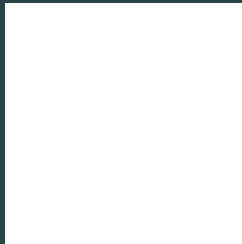
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B4349 Background



This preview shows how black text looks on a background with the Hex color 2B4349.

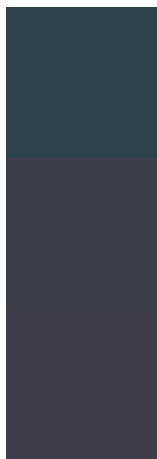


This preview shows how white text looks on a background with the Hex color 2B4349.

# 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](#).

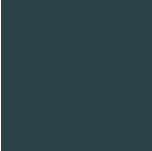
## Dichromacy



**Original Color**  
2B4349

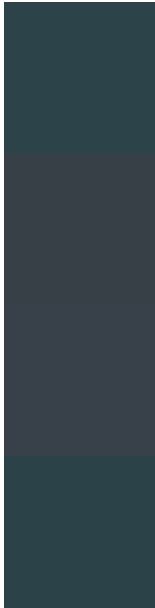
**Protanopia**  
3E3F46

**Deuteranopia**  
403E4A



**Tritanopia**  
2B4348

# Trichromacy



**Original Color**  
2B4349

**Protanomaly**  
374047

**Deuteranomaly**  
38404A

**Tritanomaly**  
2B4348

# Monochromacy



**Original Color**  
2B4349

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
363F41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B4349 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 #2B4349 looks like.

```
.text, #text, p{  
    color:#2B4349  
}
```

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 #2B4349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4349
}
```

## Border

The CSS property to change the border of an element to Hex 2B4349 is called "border". The border property can be set on classes, ids or directly on the HTML element.

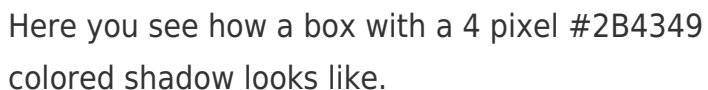
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B4349 }
```

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

```
.border{ border-color:#2B4349 }
```

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



Here you see how a box with a 4 pixel #2B4349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4349; -webkit-box-shadow:4px 4px  
4px 4px #2B4349; box-shadow:4px 4px 4px  
4px #2B4349 }
```

# Background

The CSS property to change the background color of an element to Hex 2B4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4349 }
```

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

```
.background{ background-color:#2B4349 }
```

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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