

# Converting Colors

Hex(4B3F5E)

Have a look what the booklet for  
Hex(4B3F5E) contains.

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# Color

Hex(4B3F5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B3F5E
RGB	75, 63, 94
RGB Percent	29%, 25%, 37%
CMY	0.7059, 0.7529, 0.6314
CMYK	0.20, 0.33, 0.00, 0.63
HSL	263°, 20%, 31%
HSV	263°, 33%, 37%
XYZ	6.6995, 5.8590, 11.3675
YIQ	70.1220, -2.7990, 12.1850

# Conversions

## Conversions Part 2

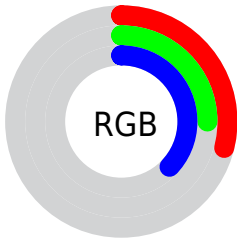
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 63, 94
Decimal	4931422
CIE <sub>Lab</sub>	29.05, 12.34, -16.49
CIE <sub>LCh</sub>	29, 20.601, 306.806
Yxy	5.8590, 0.2800, 0.2449
Android (android.graphics.Color)	4283121502 (0xFF4B3F5E)
<b>YUV</b>	70.1220, 11.7719, 4.2780
Hunter-Lab	24.2054, 7.0455, -10.9003

# Details

The Hex color **4B3F5E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **525E3F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7C6F90**, and **1E1530** is the 20% darker color. If you saturate the color by 10%, you get **45365E**, and if you desaturate by 10%, it is **51485E**.

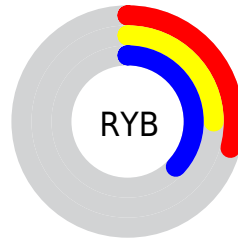
# Distribution



Red (29%)

Green (25%)

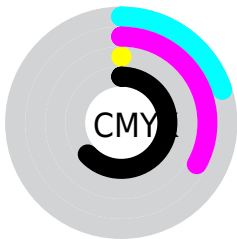
Blue (37%)



Red (29%)

Yellow (25%)

Blue (37%)

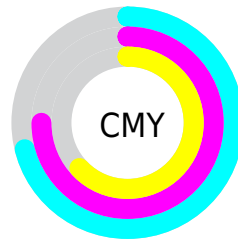


Cyan (20%)

Magenta (33%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (75%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B3F5E 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 4B3F5E by changing the saturation by 10% instead.





4B3F5E



4B3F5E

FFFFFF



342946



7C6F90



1E1530



9688AB



04001B



B1A2C6



000000



CDBDE2



E9D9FF



FFF6FF



4B3F5E



4B3F5E



45365E



51485E

■ 3F2C5E

■ 57525E

■ 3A235E

■ 5C5B5E

■ 34195E

■ 62655E

■ 2E105E

■ 686E5E

■ 28075E

■ 6E775E

■ 24005E

■ 73815E

■ 798A5E

■ 7F945E

# Harmonies

## Analogous

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



334564



4B3F5E



5B3A51

# Triad

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



4B3F5E



593F27



0E4D48

# Complementary

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



4B3F5E



525E3F

# 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.



264C37



4B3F5E



4B4524

# Square

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



4B3F5E



623A32



3A492A



004C57

# Rectangle

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



4B3F5E



613847



3A492A



174D42



# Sweetspot

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



4B3F5E



736E7A



3F525E



39363D



BDBDBD



3D3D3D



# Same Dimension

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



4B3F5E



5C497A



5A3F5E



2B292E



2A006E



5C00ED



# Inverse Universe

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



5E3F52



7A4967



435E3F



2E292C



6E0043



ED0091



# Previews

## White Background



This preview shows how the Hex color 4B3F5E looks on a white background.

## Color Contrast Check

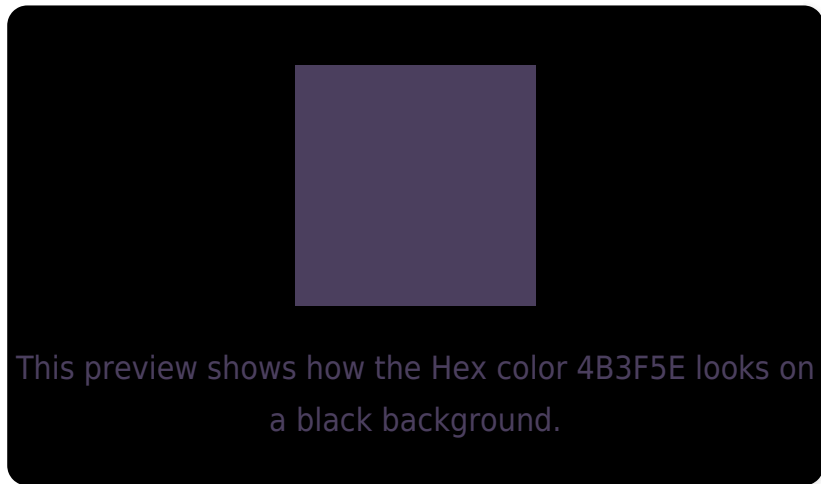
Large Text (above 18pt) WCAG AA ✓ Pass

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

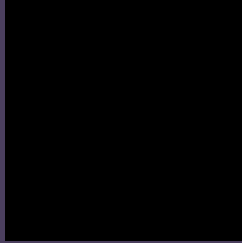
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B3F5E Background



This preview shows how black text looks on a background with the Hex color 4B3F5E.

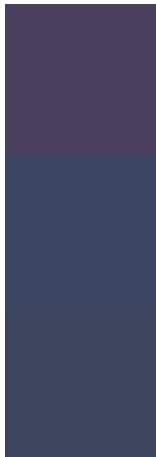


This preview shows how white text looks on a background with the Hex color 4B3F5E.

# 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**  
4B3F5E

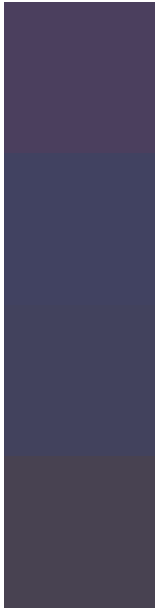
**Protanopia**  
3B4462

**Deuteranopia**  
3D445D



**Tritanopia**  
474349

# Trichromacy



**Original Color**  
4B3F5E

**Protanomaly**  
414261

**Deuteranomaly**  
42425D

**Tritanomaly**  
484251

# Monochromacy



**Original Color**  
4B3F5E

**Achromatopsia**  
464646

**Achromatomaly**  
48434F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B3F5E 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 #4B3F5E looks like.

```
.text, #text, p{  
    color:#4B3F5E  
}
```

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 #4B3F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3F5E
}
```

## Border

The CSS property to change the border of an element to Hex 4B3F5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

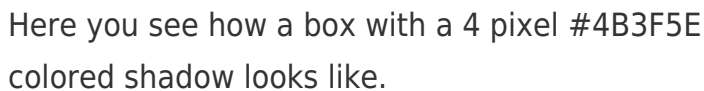
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B3F5E }
```

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

```
.border{ border-color:#4B3F5E }
```

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



Here you see how a box with a 4 pixel #4B3F5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3F5E; -webkit-box-shadow:4px 4px  
4px 4px #4B3F5E; box-shadow:4px 4px 4px  
4px #4B3F5E }
```

# Background

The CSS property to change the background color of an element to Hex 4B3F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3F5E }
```

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

```
.background{ background-color:#4B3F5E }
```

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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