

# Converting Colors

Hex(4B375E)

Have a look what the booklet for  
Hex(4B375E) contains.

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# Color

**Hex(4B375E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B375E
RGB	75, 55, 94
RGB Percent	29%, 22%, 37%
CMY	0.7059, 0.7843, 0.6314
CMYK	0.20, 0.41, 0.00, 0.63
HSL	271°, 26%, 29%
HSV	271°, 41%, 37%
XYZ	6.2882, 5.0364, 11.2304
YIQ	65.4260, -0.5990, 16.3690

# Conversions

## Conversions Part 2

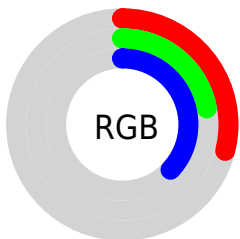
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 55, 94
Decimal	4929374
CIE <sub>Lab</sub>	26.84, 17.58, -19.93
CIE <sub>LCh</sub>	27, 26.577, 311.403
Yxy	5.0364, 0.2788, 0.2233
Android (android.graphics.Color)	4283119454 (0xFF4B375E)
YUV	65.4260, 14.0870, 8.3964
Hunter-Lab	22.4419, 10.7424, -13.9606

# Details

The Hex color **4B375E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A5E37**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7D6691**, and **1E0D30** is the 20% darker color. If you saturate the color by 10%, you get **462E5E**, and if you desaturate by 10%, it is **50405E**.

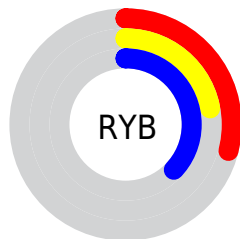
# Distribution



Red (29%)

Green (22%)

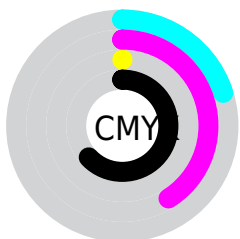
Blue (37%)



Red (29%)

Yellow (22%)

Blue (37%)

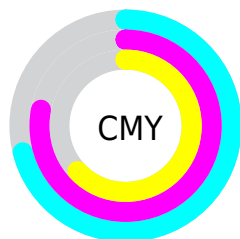


Cyan (20%)

Magenta (41%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (78%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B375E 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 4B375E by changing the saturation by 10% instead.



■ 4B375E

■ 4B375E

FFFFFF

■ 342146

■ 7D6691

■ 1E0D30

■ 977FAB

■ 00001B

■ B299C7

■ 000000

■ CDB4E3

■ EAD0FF

■ FFECFF

■ 4B375E

■ 4B375E

■ 462E5E

■ 50405E

42245E

544A5E

3D1B5E

59535E

39115E

5D5D5E

34085E

62665E

30005E

666F5E

6B795E

70825E

748C5E

# Harmonies

## Analogous

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



2A3F67



4B375E



5E304D

# Triad

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



4B375E



563A18



004A47

# Complementary

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



4B375E



4A5E37

# 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.



0C4932



4B375E



444116

# Square

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



4B375E



623226



2E4620



00495A

# Rectangle

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



4B375E



642E3F



2E4620



004A40



# Sweetspot

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



4B375E



736C7A



374B5E



39353D



BDBDBD



3D3D3D



# Same Dimension

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



4B375E



5D3D7A



5E375E



2C292E



38006E



7A00ED



# Inverse Universe

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



5E374A



7A3D5B



375E37



2E292C



6E0035



ED0074



# Previews

## White Background



This preview shows how the Hex color 4B375E looks on a white background.

## Color Contrast Check

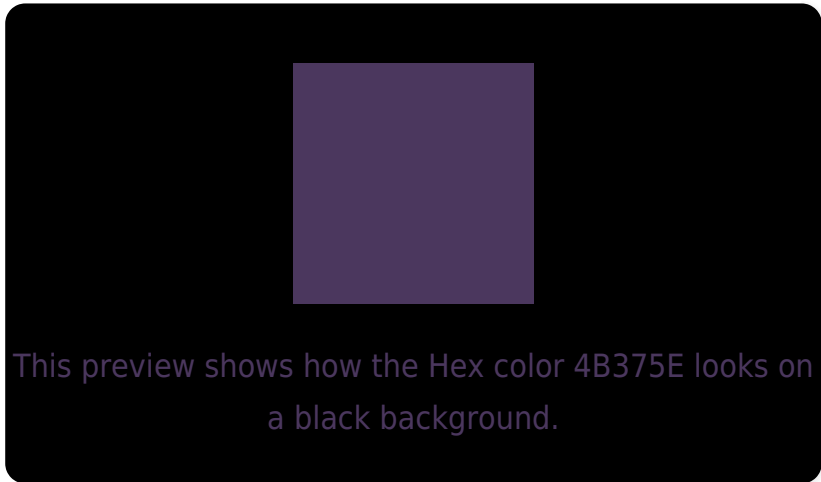
Large Text (above 18pt) WCAG AA ✓ Pass

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

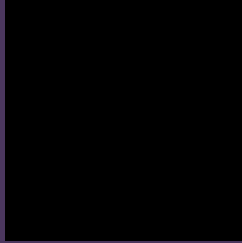
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B375E Background



This preview shows how black text looks on a background with the Hex color 4B375E.



This preview shows how white text looks on a background with the Hex color 4B375E.

# 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**  
4B375E

**Protanopia**  
313E64

**Deuteranopia**  
343F5C



**Tritanopia**  
463D42

# Trichromacy



**Original Color**  
4B375E

**Protanomaly**  
3A3B62

**Deuteranomaly**  
3C3C5D

**Tritanomaly**  
483B4C

# Monochromacy



**Original Color**  
4B375E

**Achromatopsia**  
414141

**Achromatomaly**  
453D4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B375E 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 #4B375E looks like.

```
.text, #text, p{  
    color:#4B375E  
}
```

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 #4B375E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B375E
}
```

## Border

The CSS property to change the border of an element to Hex 4B375E is called "border". The border property can be set on classes, ids or directly on the HTML element.

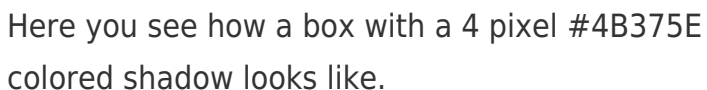
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B375E }
```

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

```
.border{ border-color:#4B375E }
```

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



Here you see how a box with a 4 pixel #4B375E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B375E; -webkit-box-shadow:4px 4px  
4px 4px #4B375E; box-shadow:4px 4px 4px  
4px #4B375E }
```

# Background

The CSS property to change the background color of an element to Hex 4B375E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B375E }
```

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

```
.background{ background-color:#4B375E }
```

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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