

Converting Colors

Hex(4E3A67)

Have a look what the booklet for
Hex(4E3A67) contains.

Hex(4E3A67)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E3A67)

Conversions

Conversions Part 1

Format	Color
Hex	4E3A67
RGB	78, 58, 103
RGB Percent	31%, 23%, 40%
CMY	0.6941, 0.7725, 0.5961
CMYK	0.24, 0.44, 0.00, 0.60
HSL	267°, 28%, 32%
HSV	267°, 44%, 40%
XYZ	7.1031, 5.6251, 13.5433
YIQ	69.1100, -2.5250, 18.2350

Conversions

Conversions Part 2

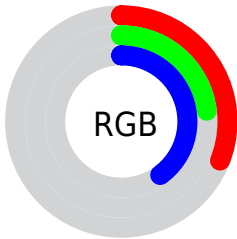
Format	Color
R_{YB}	78, 58, 103
Decimal	5126759
CIE _{Lab}	28.45, 19.03, -23.20
CIE _{LCh}	28, 30.009, 309.354
Yxy	5.6251, 0.2704, 0.2141
Android (android.graphics.Color)	4283316839 (0xFF4E3A67)
YUV	69.1100, 16.7078, 7.7965
Hunter-Lab	23.7173, 11.9541, -17.2545

Details

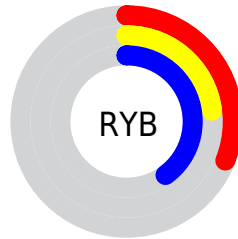
The Hex color **4E3A67** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **53673A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **806A9A**, and **200F38** is the 20% darker color. If you saturate the color by 10%, you get **483067**, and if you desaturate by 10%, it is **544467**.

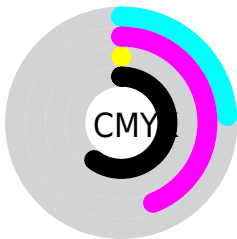
Distribution



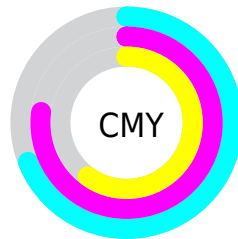
- Red (31%)
- Green (23%)
- Blue (40%)



- Red (31%)
- Yellow (23%)
- Blue (40%)



- Cyan (24%)
- Magenta (44%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E3A67 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 4E3A67 by changing the saturation by 10% instead.



4E3A67



4E3A67

FFFFFF



36244F



806A9A



200F38



9A83B5



070022



B69DD1



000008



D1B8ED



000000



EED4FF



FFF0FF



4E3A67



4E3A67



483067



544467

■ 432567

■ 594F67

■ 3D1B67

■ 5F5967

■ 371167

■ 656367

■ 310667

■ 6B6E67

■ 2E0067

■ 707867

■ 768267

■ 7C8C67

■ 829767

Harmonies

Analogous

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



264371



4E3A67



653154

Triad

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



4E3A67



5D3C17



004F4A

Complementary

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



4E3A67



53673A

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.



054D32



4E3A67



494412

Square

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



4E3A67



6A3327



304A1E



004E60

Rectangle

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



4E3A67



6C2F45



304A1E



004E42

Sweetspot

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



4E3A67



7D7687



3A5467



3F3A45



C4C4C4



454545

Same Dimension

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



4E3A67



604187



643A67



302E33



330073



6C00F2

Inverse Universe

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



673A53



874168



3D673A



332E31



730040



F20087

Previews

White Background



This preview shows how the Hex color 4E3A67 looks on a white background.

Color Contrast Check

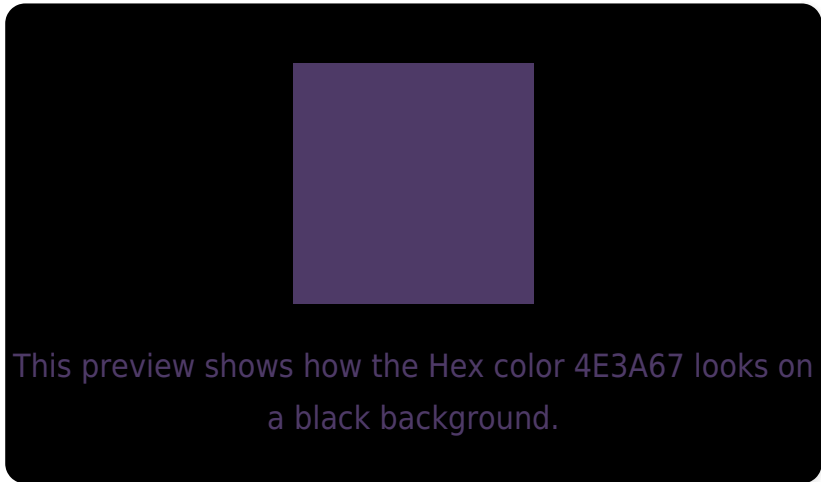
Large Text (above 18pt) WCAG AA ✓ Pass

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

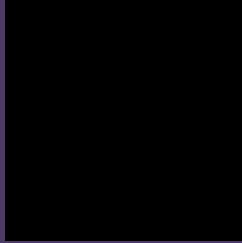
Any Text WCAG AA × Fail

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 4E3A67 Background



This preview shows how black text looks on a background with the Hex color 4E3A67.



This preview shows how white text looks on a background with the Hex color 4E3A67.

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](#).

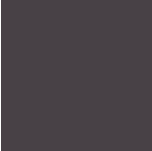
Dichromacy



Original Color
4E3A67

Protanopia
32426E

Deuteranopia
344365



Tritanopia
484146

Trichromacy



Original Color
4E3A67

Protanomaly
3C3F6B

Deuteranomaly
3D4066

Tritanomaly
4A3E52

Monochromacy



Original Color
4E3A67

Achromatopsia
454545

Achromatomaly
484151

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E3A67 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 #4E3A67 looks like.

```
.text, #text, p{  
    color:#4E3A67  
}
```

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 #4E3A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3A67
}
```

Border

The CSS property to change the border of an element to Hex 4E3A67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

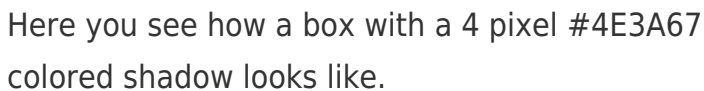
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E3A67 }
```

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

```
.border{ border-color:#4E3A67 }
```

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



Here you see how a box with a 4 pixel #4E3A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3A67; -webkit-box-shadow:4px 4px  
4px 4px #4E3A67; box-shadow:4px 4px 4px  
4px #4E3A67 }
```

Background

The CSS property to change the background color of an element to Hex 4E3A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3A67 }
```

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

```
.background{ background-color:#4E3A67 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor