

Converting Colors

Hex(4E3569)

Have a look what the booklet for
Hex(4E3569) contains.

Hex(4E3569)	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(4E3569)

Conversions

Conversions Part 1

Format	Color
Hex	4E3569
RGB	78, 53, 105
RGB Percent	31%, 21%, 41%
CMY	0.6941, 0.7922, 0.5882
CMYK	0.26, 0.50, 0.00, 0.59
HSL	269°, 33%, 31%
HSV	269°, 50%, 41%
XYZ	6.9648, 5.1858, 13.9985
YIQ	66.4030, -1.7920, 21.4720

Conversions

Conversions Part 2

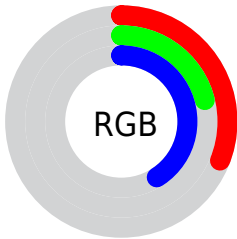
Format	Color
R_{YB}	78, 53, 105
Decimal	5125481
CIE _{Lab}	27.26, 22.78, -26.36
CIE _{LCh}	27, 34.836, 310.828
Yxy	5.1858, 0.2663, 0.1983
Android (android.graphics.Color)	4283315561 (0xFF4E3569)
YUV	66.4030, 19.0283, 10.1706
Hunter-Lab	22.7724, 14.7413, -20.5056

Details

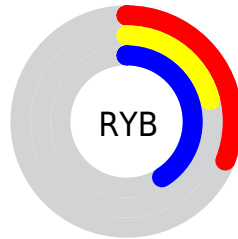
The Hex color **4E3569** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **506935**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **80649D**, and **1F0A39** is the 20% darker color. If you saturate the color by 10%, you get **492B69**, and if you desaturate by 10%, it is **534069**.

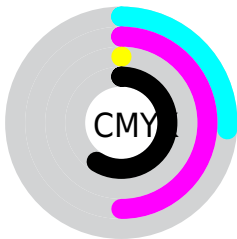
Distribution



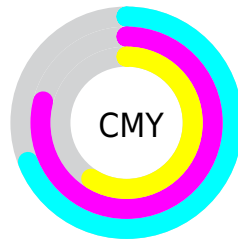
- Red (31%)
- Green (21%)
- Blue (41%)



- Red (31%)
- Yellow (21%)
- Blue (41%)



- Cyan (26%)
- Magenta (50%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (79%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E3569 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 4E3569 by changing the saturation by 10% instead.



4E3569



4E3569

FFFFFF



361F51



80649D



1F0A39



9B7DB8



020024



B698D3



00000B



D2B2F0



000000



EFCEFF



FFEAFF



4E3569



4E3569



492B69



534069

■ 432069

■ 594A69

■ 3E1669

■ 5E5569

■ 380B69

■ 645F69

■ 330169

■ 696A69

■ 320069

■ 6F7469

■ 747F69

■ 7A8969

■ 7F9469

Harmonies

Analogous

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



1A4075



4E3569



682A53

Triad

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



4E3569



5C390A



004D4A

Complementary

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



4E3569



506935

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.



004C2E



4E3569



454204

Square

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



4E3569



6B2E1F



274815



004C63

Rectangle

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



4E3569



6F2641



274815



004D40

Sweetspot

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



4E3569



7F758A



355169



3E3845



C4C4C4



454545

Same Dimension

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



4E3569



60388A



673569



333036



380075



7600F5

Inverse Universe

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



693550



8A3863



376935



363033



75003D



F5007F

Previews

White Background



This preview shows how the Hex color 4E3569 looks on a white background.

Color Contrast Check

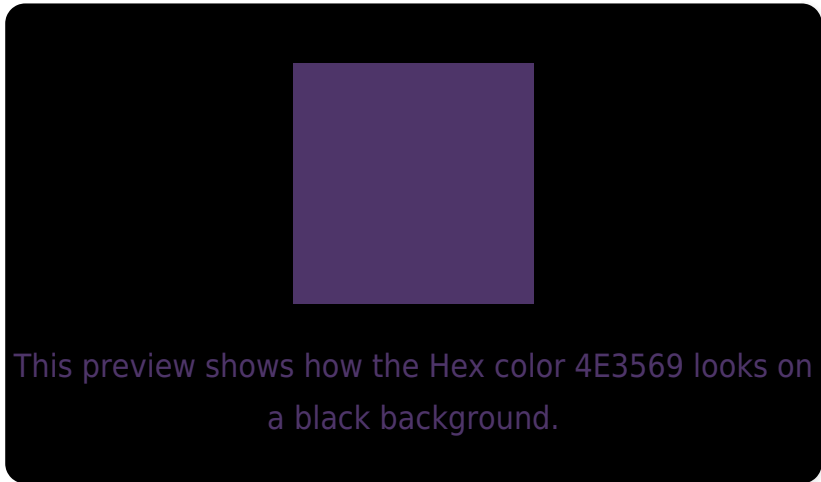
Large Text (above 18pt) WCAG AA ✓ Pass

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

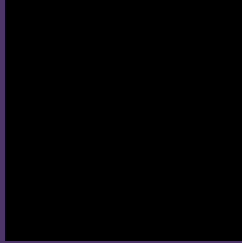
Any Text WCAG AA × Fail

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 4E3569 Background



This preview shows how black text looks on a background with the Hex color 4E3569.



This preview shows how white text looks on a background with the Hex color 4E3569.

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
4E3569

Protanopia
293F72

Deuteranopia
2C4167



Tritanopia
473E43

Trichromacy



Original Color
4E3569

Protanomaly
363B6F

Deuteranomaly
383D68

Tritanomaly
4A3B51

Monochromacy



Original Color
4E3569

Achromatopsia
424242

Achromatomaly
463D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E3569 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 #4E3569 looks like.

```
.text, #text, p{  
    color:#4E3569  
}
```

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 #4E3569 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3569
}
```

Border

The CSS property to change the border of an element to Hex 4E3569 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".

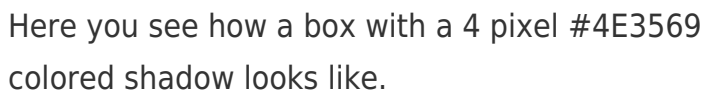
```
.border, #border, table{ border:4px solid
#4E3569 }
```

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

```
.border{ border-color:#4E3569 }
```

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

Here you see how a box with a 4 pixel #4E3569 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3569; -webkit-box-shadow:4px 4px  
4px 4px #4E3569; box-shadow:4px 4px 4px  
4px #4E3569 }
```

Background

The CSS property to change the background color of an element to Hex 4E3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3569 }
```

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

```
.background{ background-color:#4E3569 }
```

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