

Converting Colors

Hex(4E3E68)

Have a look what the booklet for
Hex(4E3E68) contains.

Hex(4E3E68)	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(4E3E68)

Conversions

Conversions Part 1

Format	Color
Hex	4E3E68
RGB	78, 62, 104
RGB Percent	31%, 24%, 41%
CMY	0.6941, 0.7569, 0.5922
CMYK	0.25, 0.40, 0.00, 0.59
HSL	263°, 25%, 33%
HSV	263°, 40%, 41%
XYZ	7.3632, 6.0644, 13.8792
YIQ	71.5720, -3.9460, 16.4540

Conversions

Conversions Part 2

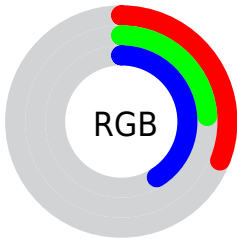
Format	Color
R_YB	78, 62, 104
Decimal	5127784
CIE Lab	29.57, 16.71, -22.08
CIE LCh	30, 27.686, 307.114
Yxy	6.0644, 0.2696, 0.2221
Android (android.graphics.Color)	4283317864 (0xFF4E3E68)
YUV	71.5720, 15.9870, 5.6374
Hunter-Lab	24.6261, 10.2760, -16.1774

Details

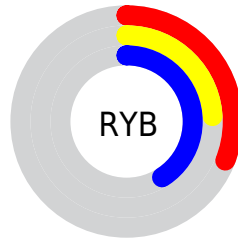
The Hex color **4E3E68** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **58683E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **806E9B**, and **201339** is the 20% darker color. If you saturate the color by 10%, you get **483468**, and if you desaturate by 10%, it is **544868**.

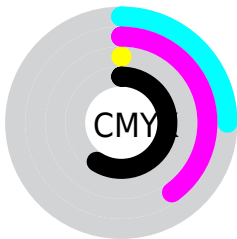
Distribution



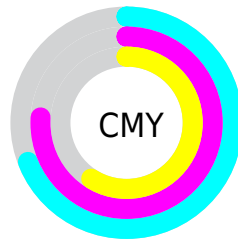
- Red (31%)
- Green (24%)
- Blue (41%)



- Red (31%)
- Yellow (24%)
- Blue (41%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (76%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E3E68 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 4E3E68 by changing the saturation by 10% instead.

■ 4E3E68

■ 4E3E68

FFFFFF

■ 362850

■ 806E9B

■ 201339

■ 9A87B6

■ 0C0023

■ B5A1D2

■ 00000A

■ D1BCEE

■ 000000

■ EED8FF

■ FFF5FF

■ 4E3E68

■ 4E3E68

■ 483468

■ 544868

■ 412968

■ 5B5368

■ 3B1F68

■ 615D68

■ 341468

■ 686868

■ 2E0A68

■ 6E7268

■ 280068

■ 757C68

■ 7B8768

■ 829168

■ 889C68

Harmonies

Analogous

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



294670



4E3E68



643657

Triad

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



4E3E68



603F1E



00514A

Complementary

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



4E3E68



58683E

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.



174F34



4E3E68



4D4619

Square

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



4E3E68



6B372D



374C22



00505F

Rectangle

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



4E3E68



6C3449



374C22



005043

Sweetspot

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



4E3E68



7D7787



3E5968



3F3B45



C4C4C4



454545

Same Dimension

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



4E3E68



5F4687



623E68



302E33



2C0073



5C00F2

Inverse Universe

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



683E58



87466E



44683E



332E31



730047



F20096

Previews

White Background



This preview shows how the Hex color 4E3E68 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

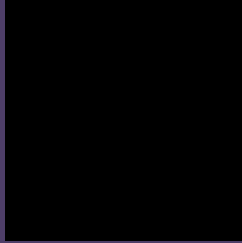
Any Text WCAG AA × Fail

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 4E3E68 Background



This preview shows how black text looks on a background with the Hex color 4E3E68.



This preview shows how white text looks on a background with the Hex color 4E3E68.

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
4E3E68

Protanopia
37446E

Deuteranopia
384566



Tritanopia
48444A

Trichromacy



Original Color
4E3E68

Protanomaly
3F426C

Deuteranomaly
404267

Tritanomaly
4A4255

Monochromacy



Original Color
4E3E68

Achromatopsia
484848

Achromatomaly
4A4454

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E3E68 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 #4E3E68 looks like.

```
.text, #text, p{  
    color:#4E3E68  
}
```

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 #4E3E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3E68  
}
```

Border

The CSS property to change the border of an element to Hex 4E3E68 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  
#4E3E68 }
```

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

```
.border{ border-color:#4E3E68 }
```

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

Here you see how a box with a 4 pixel #4E3E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3E68; -webkit-box-shadow:4px 4px  
4px 4px #4E3E68; box-shadow:4px 4px 4px  
4px #4E3E68 }
```

Background

The CSS property to change the background color of an element to Hex 4E3E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3E68 }
```

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

```
.background{ background-color:#4E3E68 }
```

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