

# Converting Colors

Hex(4E3A63)

Have a look what the booklet for  
Hex(4E3A63) contains.

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# Color

**Hex(4E3A63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E3A63
RGB	78, 58, 99
RGB Percent	31%, 23%, 39%
CMY	0.6941, 0.7725, 0.6118
CMYK	0.21, 0.41, 0.00, 0.61
HSL	269°, 26%, 31%
HSV	269°, 41%, 39%
XYZ	6.9071, 5.5467, 12.5110
YIQ	68.6540, -1.2410, 16.9910

# Conversions

## Conversions Part 2

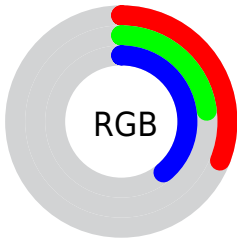
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 58, 99
Decimal	5126755
CIELab	28.24, 17.97, -20.96
CIELCh	28, 27.606, 310.607
Yxy	5.5467, 0.2767, 0.2222
Android (android.graphics.Color)	4283316835 (0xFF4E3A63)
YUV	68.6540, 14.9606, 8.1964
Hunter-Lab	23.5514, 11.1351, -15.0101

# Details

The Hex color **4E3A63** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4F633A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **806996**, and **201034** is the 20% darker color. If you saturate the color by 10%, you get **493063**, and if you desaturate by 10%, it is **534463**.

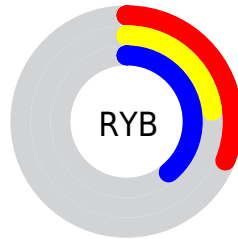
# Distribution



Red (31%)

Green (23%)

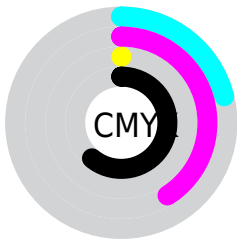
Blue (39%)



Red (31%)

Yellow (23%)

Blue (39%)

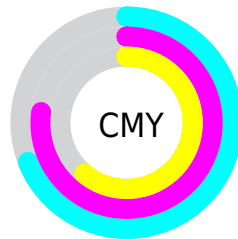


Cyan (21%)

Magenta (41%)

Yellow (0%)

Black (61%)



Cyan (69%)

Magenta (77%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E3A63 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 4E3A63 by changing the saturation by 10% instead.



■ 4E3A63

■ 4E3A63

FFFFFF

■ 36244B

■ 806996

■ 201034

■ 9A83B1

■ 06001F

■ B59DCC

■ 000002

■ D1B8E9

■ 000000

■ EDD4FF

■ FFF0FF

■ 4E3A63

■ 4E3A63

■ 493063

■ 534463

442663

584E63

3F1C63

5D5863

3A1263

626263

350963

676C63

300063

6C7563

717F63

778963

7C9363

# Harmonies

## Analogous

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



2B426C



4E3A63



623351

# Triad

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



4E3A63



5A3D1A



004D4A

# Complementary

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



4E3A63



4F633A

# 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.



0D4C34



4E3A63



484417

# Square

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



4E3A63



673528



314921



004C5E

# Rectangle

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



4E3A63



693043



314921



004D42



# Sweetspot

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



4E3A63



787080



3A4F63



3B3740



BFBFBF



404040



# Same Dimension

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



4E3A63



5F4080



623A63



2E2C30



370070



7500F0



# Inverse Universe

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



633A4F



804060



3B633A



302C2E



700039



F0007B



# Previews

## White Background



This preview shows how the Hex color 4E3A63 looks on a white background.

## Color Contrast Check

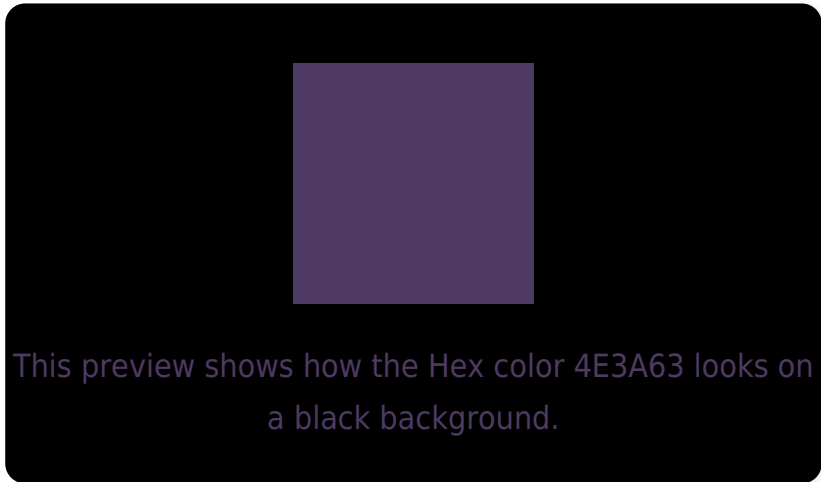
Large Text (above 18pt) WCAG AA ✓ Pass

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

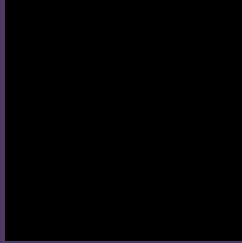
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E3A63 Background



This preview shows how black text looks on a background with the Hex color 4E3A63.



This preview shows how white text looks on a background with the Hex color 4E3A63.

# 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**  
4E3A63

**Protanopia**  
344269

**Deuteranopia**  
364261



**Tritanopia**  
494045

# Trichromacy



**Original Color**  
4E3A63

**Protanomaly**  
3D3F67

**Deuteranomaly**  
3F3F62

**Tritanomaly**  
4B3E50

# Monochromacy



**Original Color**  
4E3A63

**Achromatopsia**  
454545

**Achromatomaly**  
484150

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E3A63 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 #4E3A63 looks like.

```
.text, #text, p{  
    color:#4E3A63  
}
```

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 #4E3A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3A63
}
```

## Border

The CSS property to change the border of an element to Hex 4E3A63 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
#4E3A63 }
```

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

```
.border{ border-color:#4E3A63 }
```

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

Here you see how a box with a 4 pixel #4E3A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3A63; -webkit-box-shadow:4px 4px  
4px 4px #4E3A63; box-shadow:4px 4px 4px  
4px #4E3A63 }
```

# Background

The CSS property to change the background color of an element to Hex 4E3A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3A63 }
```

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

```
.background{ background-color:#4E3A63 }
```

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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