

Converting Colors

Hex(3E3670)

Have a look what the booklet for
Hex(3E3670) contains.

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Color

Hex(3E3670)

Conversions

Conversions Part 1

Format	Color
Hex	3E3670
RGB	62, 54, 112
RGB Percent	24%, 21%, 44%
CMY	0.7569, 0.7882, 0.5608
CMYK	0.45, 0.52, 0.00, 0.56
HSL	248°, 35%, 33%
HSV	248°, 52%, 44%
XYZ	6.2304, 4.8323, 15.9336
YIQ	63.0040, -13.8500, 19.7340

Conversions

Conversions Part 2

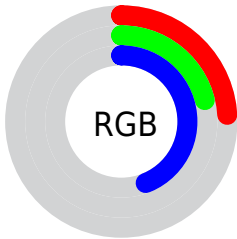
Format	Color
R _{YB}	62, 54, 112
Decimal	4077168
CIE Lab	26.25, 19.48, -32.55
CIE LCh	26, 37.932, 300.907
Yxy	4.8323, 0.2308, 0.1790
Android (android.graphics.Color)	4282267248 (0xFF3E3670)
YUV	63.0040, 24.1550, -0.8805
Hunter-Lab	21.9825, 12.1219, -27.5874

Details

The Hex color **3E3670** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **687036**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7165A4**, and **0A0C40** is the 20% darker color. If you saturate the color by 10%, you get **342B70**, and if you desaturate by 10%, it is **484170**.

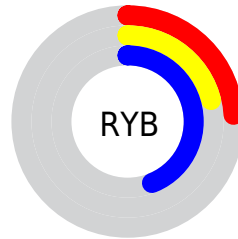
Distribution



Red (24%)

Green (21%)

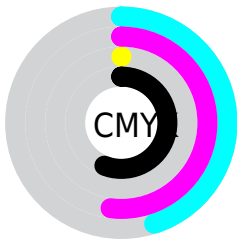
Blue (44%)



Red (24%)

Yellow (21%)

Blue (44%)

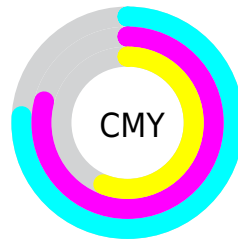


Cyan (45%)

Magenta (52%)

Yellow (0%)

Black (56%)



Cyan (76%)

Magenta (79%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3670 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 3E3670 by changing the saturation by 10% instead.

■ 3E3670

■ 3E3670

FFFFFF

■ 252157

■ 7165A4

■ 0A0C40

■ 8B7EBF

■ 000029

■ A698DB

■ 000113

■ C2B3F8

■ 000000

■ DECEFF

■ FBEAFF

■ 3E3670

■ 3E3670

■ 342B70

■ 484170

■ 2B2070

■ 514C70

■ 211470

■ 5B5870

■ 170970

■ 656370

■ 0F0070

■ 6E6E70

■ 787970

■ 828470

■ 8B9070

■ 959B70

Harmonies

Analogous

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



004178



3E3670



61285B

Triad

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



3E3670



613208



004B3E

Complementary

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



3E3670



687036

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.



004920



3E3670



4B3D00

Square

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



3E3670



6F2522



2E4504



004B5B

Rectangle

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



3E3670



6D2148



2E4504



004B34

Sweetspot

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



3E3670



7D7A91



366870



3E3C4A



C9C9C9



4A4A4A

Same Dimension

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



3E3670



443791



5B3670



333238



110078



2200F7

Inverse Universe

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



703668



913785



4B7036



383237



780067



F700D5

Previews

White Background



This preview shows how the Hex color 3E3670 looks on a white background.

Color Contrast Check

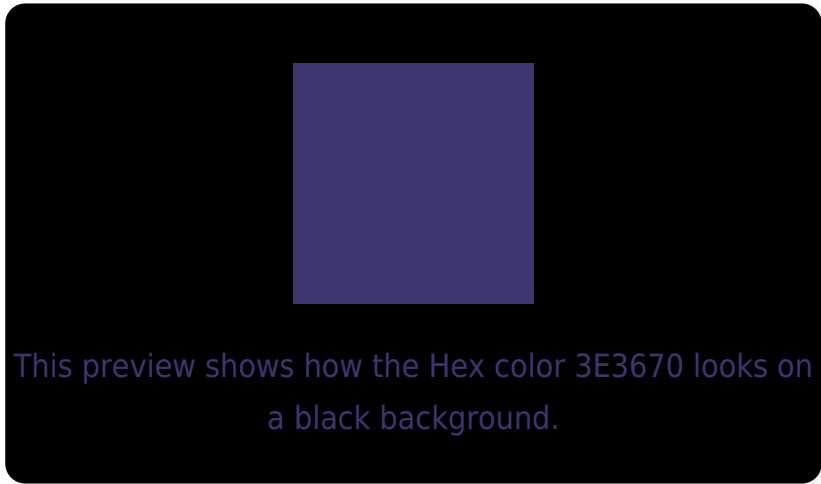
Large Text (above 18pt) WCAG AA ✓ Pass

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

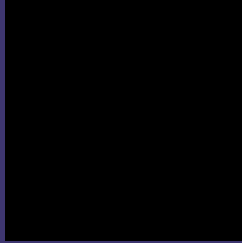
Any Text WCAG AA × Fail

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 3E3670 Background



This preview shows how black text looks on a background with the Hex color 3E3670.



This preview shows how white text looks on a background with the Hex color 3E3670.

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
3E3670

Protanopia
1E3C76

Deuteranopia
143F6E



Tritanopia
334046

Trichromacy



Original Color
3E3670

Protanomaly
2A3A74

Deuteranomaly
233C6F

Tritanomaly
373C55

Monochromacy



Original Color
3E3670

Achromatopsia
3F3F3F

Achromatomaly
3F3C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3670 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 #3E3670 looks like.

```
.text, #text, p{  
    color:#3E3670  
}
```

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 #3E3670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3670
}
```

Border

The CSS property to change the border of an element to Hex 3E3670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

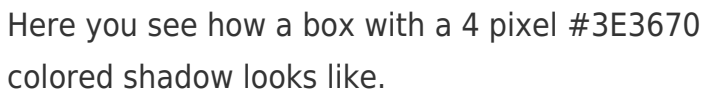
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E3670 }
```

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

```
.border{ border-color:#3E3670 }
```

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



Here you see how a box with a 4 pixel `#3E3670` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3670; -webkit-box-shadow:4px 4px  
4px 4px #3E3670; box-shadow:4px 4px 4px  
4px #3E3670 }
```

Background

The CSS property to change the background color of an element to Hex 3E3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3670 }
```

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

```
.background{ background-color:#3E3670 }
```

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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