

Converting Colors

Hex(3E336B)

Have a look what the booklet for
Hex(3E336B) contains.

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Color

Hex(3E336B)

Conversions

Conversions Part 1

Format	Color
Hex	3E336B
RGB	62, 51, 107
RGB Percent	24%, 20%, 42%
CMY	0.7569, 0.8000, 0.5804
CMYK	0.42, 0.52, 0.00, 0.58
HSL	252°, 35%, 31%
HSV	252°, 52%, 42%
XYZ	5.8243, 4.4533, 14.4625
YIQ	60.6730, -11.4200, 19.7480

Conversions

Conversions Part 2

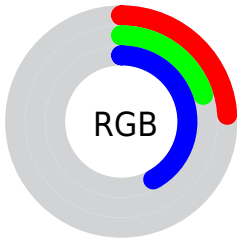
Format	Color
R_{YB}	62, 51, 107
Decimal	4076395
CIE _{Lab}	25.12, 19.90, -31.15
CIE _{LCh}	25, 36.965, 302.563
Yxy	4.4533, 0.2354, 0.1800
Android (android.graphics.Color)	4282266475 (0xFF3E336B)
YUV	60.6730, 22.8392, 1.1638
Hunter-Lab	21.1029, 12.3349, -25.8614

Details

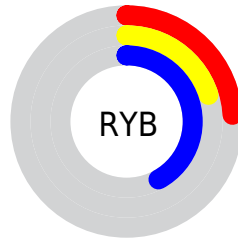
The Hex color **3E336B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **606B33**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **70629F**, and **0D083B** is the 20% darker color. If you saturate the color by 10%, you get **35286B**, and if you desaturate by 10%, it is **473E6B**.

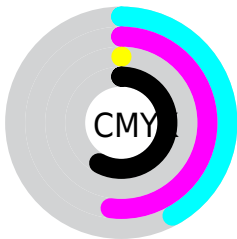
Distribution



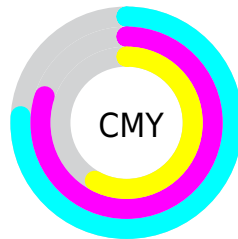
- Red (24%)
- Green (20%)
- Blue (42%)



- Red (24%)
- Yellow (20%)
- Blue (42%)



- Cyan (42%)
- Magenta (52%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E336B 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 3E336B by changing the saturation by 10% instead.



3E336B



3E336B

FFFFFF



261E52



70629F



0D083B



8A7BBA



000225



A594D6



00010D



C1AFF2



000000



DDCBFF



FAE7FF



3E336B



3E336B



35286B



473E6B

■ 2D1E6B

■ 4F486B

■ 24136B

■ 58536B

■ 1C086B

■ 605E6B

■ 15006B

■ 69696B

■ 72736B

■ 7A7E6B

■ 83896B

■ 8B936B

Harmonies

Analogous

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



003E74



3E336B



5F2656

Triad

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



3E336B



5D3006



00483D

Complementary

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



3E336B



606B33

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.



004720



3E336B



473B00

Square

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



3E336B



6A241F



2A4205



004859

Rectangle

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



3E336B



6A1F44



2A4205



004833

Sweetspot

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



3E336B



7A768C



33616B



3C3A47



C7C7C7



474747

Same Dimension

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



3E336B



45348C



59336B



313036



170075



3000F5

Inverse Universe

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



6B3360



8C347B



456B33



363034



75005E



F500C5

Previews

White Background



This preview shows how the Hex color 3E336B looks on a white background.

Color Contrast Check

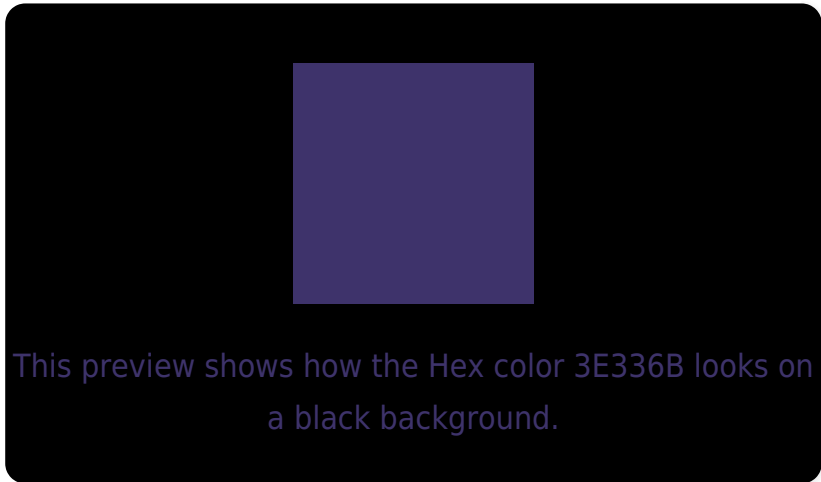
Large Text (above 18pt) WCAG AA ✓ Pass

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

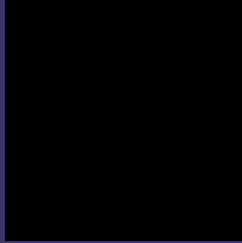
Any Text WCAG AA × Fail

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 3E336B Background



This preview shows how black text looks on a background with the Hex color 3E336B.



This preview shows how white text looks on a background with the Hex color 3E336B.

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
3E336B

Protanopia
1C3A72

Deuteranopia
153D69



Tritanopia
343D42

Trichromacy



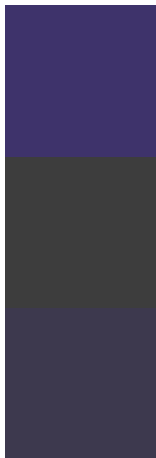
Original Color
3E336B

Protanomaly
28376F

Deuteranomaly
24396A

Tritanomaly
383951

Monochromacy



Original Color
3E336B

Achromatopsia
3D3D3D

Achromatomaly
3D394E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E336B 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 #3E336B looks like.

```
.text, #text, p{  
    color:#3E336B  
}
```

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 #3E336B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E336B
}
```

Border

The CSS property to change the border of an element to Hex 3E336B 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
#3E336B }
```

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

```
.border{ border-color:#3E336B }
```

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

Here you see how a box with a 4 pixel #3E336B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E336B; -webkit-box-shadow:4px 4px  
4px 4px #3E336B; box-shadow:4px 4px 4px  
4px #3E336B }
```

Background

The CSS property to change the background color of an element to Hex 3E336B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E336B }
```

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

```
.background{ background-color:#3E336B }
```

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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