

# Converting Colors

Hex(3E236E)

Have a look what the booklet for  
Hex(3E236E) contains.

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# Color

**Hex(3E236E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E236E
RGB	62, 35, 110
RGB Percent	24%, 14%, 43%
CMY	0.7569, 0.8627, 0.5686
CMYK	0.44, 0.68, 0.00, 0.57
HSL	262°, 52%, 28%
HSV	262°, 68%, 43%
XYZ	5.4021, 3.3520, 15.1141
YIQ	51.6230, -7.9830, 29.0490

# Conversions

## Conversions Part 2

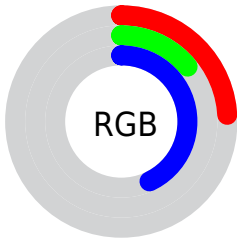
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 35, 110
Decimal	4072302
CIELab	21.40, 31.03, -39.07
CIELCh	21, 49.890, 308.454
Yxy	3.3520, 0.2263, 0.1404
Android (android.graphics.Color)	4282262382 (0xFF3E236E)
YUV	51.6230, 28.7799, 9.1006
Hunter-Lab	18.3084, 20.6287, -36.1297

# Details

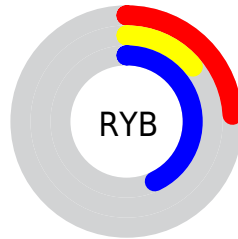
The Hex color **3E236E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **536E23**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7251A2**, and **0F003E** is the 20% darker color. If you saturate the color by 10%, you get **37186E**, and if you desaturate by 10%, it is **452E6E**.

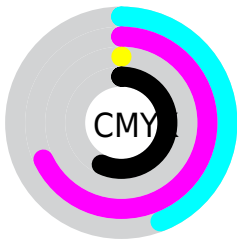
# Distribution



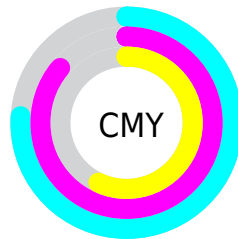
- Red (24%)
- Green (14%)
- Blue (43%)



- Red (24%)
- Yellow (14%)
- Blue (43%)



- Cyan (44%)
- Magenta (68%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (86%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E236E 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 3E236E by changing the saturation by 10% instead.



■ 3E236E

■ 3E236E

FFFFFF

■ 240D55

■ 7251A2

■ 0F003E

■ 8C6ABE

■ 000327

■ A884DA

■ 000110

■ C49EF6

■ 000000

■ E0B9FF

■ FDD5FF

■ FFF1FF

■ 3E236E

■ 3E236E

■ 37186E

■ 452E6E

■ 300D6E

■ 4C396E

■ 29026E

■ 53446E

■ 28006E

■ 5A4F6E

■ 615A6E

■ 68656E

■ 6F706E

■ 767B6E

■ 7D866E

# Harmonies

## Analogous

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



00357E



3E236E



65004F

# Triad

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



3E236E



552700



00423D

# Complementary

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



3E236E



536E23

# 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.



004116



3E236E



373500

# Square

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



3E236E



6A0D03



093D00



004261

# Rectangle

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



3E236E



700037



093D00



004230



# Sweetspot

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



3E236E



7D728F



23546E



3C3647



C7C7C7



474747



# Same Dimension

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



3E236E



441A8F



63236E



353238



2B0078



5900F7



# Inverse Universe

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



6E2353



8F1A65



2E6E23



383236



78004D

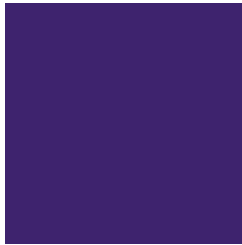


F7009E



# Previews

## White Background



This preview shows how the Hex color 3E236E looks on a white background.

## Color Contrast Check

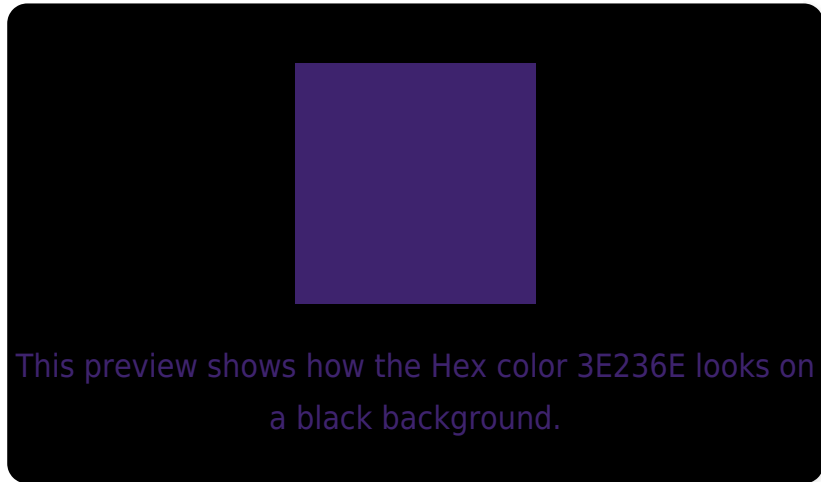
Large Text (above 18pt) WCAG AA ✓ Pass

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

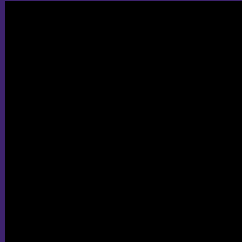
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E236E Background



This preview shows how black text looks on a background with the Hex color 3E236E.

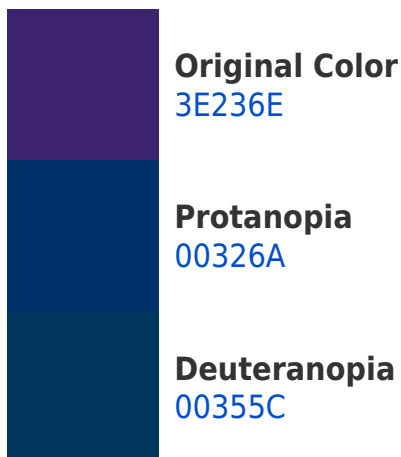


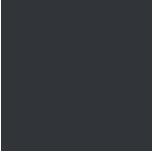
This preview shows how white text looks on a background with the Hex color 3E236E.

# 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





**Tritanopia**  
313438

# Trichromacy



**Original Color**  
3E236E

**Protanomaly**  
172D6B

**Deuteranomaly**  
172E63

**Tritanomaly**  
362E4C

# Monochromacy



**Original Color**  
3E236E

**Achromatopsia**  
343434

**Achromatomaly**  
382E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E236E 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 #3E236E looks like.

```
.text, #text, p{  
    color:#3E236E  
}
```

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 #3E236E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E236E
}
```

## Border

The CSS property to change the border of an element to Hex 3E236E 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
#3E236E }
```

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

```
.border{ border-color:#3E236E }
```

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

Here you see how a box with a 4 pixel #3E236E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E236E; -webkit-box-shadow:4px 4px  
4px 4px #3E236E; box-shadow:4px 4px 4px  
4px #3E236E }
```

# Background

The CSS property to change the background color of an element to Hex 3E236E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E236E }
```

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

```
.background{ background-color:#3E236E }
```

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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