

# Converting Colors

Hex(3E276D)

Have a look what the booklet for  
Hex(3E276D) contains.

<b>Hex(3E276D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3E276D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E276D
RGB	62, 39, 109
RGB Percent	24%, 15%, 43%
CMY	0.7569, 0.8471, 0.5725
CMYK	0.43, 0.64, 0.00, 0.57
HSL	260°, 47%, 29%
HSV	260°, 64%, 43%
XYZ	5.4724, 3.5793, 14.8704
YIQ	53.8570, -8.7620, 26.6460

# Conversions

## Conversions Part 2

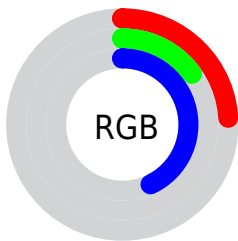
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 39, 109
Decimal	4073325
CIE <sub>Lab</sub>	22.23, 28.29, -37.08
CIE <sub>LCh</sub>	22, 46.644, 307.341
Yxy	3.5793, 0.2288, 0.1496
Android (android.graphics.Color)	4282263405 (0xFF3E276D)
YUV	53.8570, 27.1855, 7.1414
Hunter-Lab	18.9190, 18.5239, -33.3589

# Details

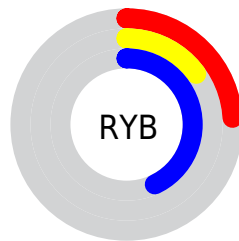
The Hex color **3E276D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **566D27**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **7155A1**, and **0E003D** is the 20% darker color. If you saturate the color by 10%, you get **371C6D**, and if you desaturate by 10%, it is **45326D**.

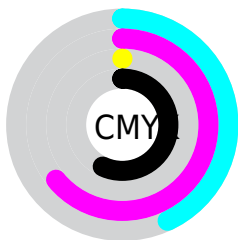
# Distribution



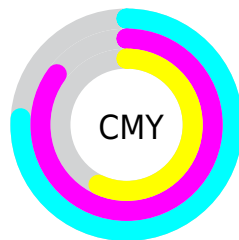
- Red (24%)
- Green (15%)
- Blue (43%)



- Red (24%)
- Yellow (15%)
- Blue (43%)



- Cyan (43%)
- Magenta (64%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (85%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E276D 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 3E276D by changing the saturation by 10% instead.





3E276D



3E276D

FFFFFF



251154



7155A1



0E003D



8C6EBC



000326



A788D8



00010F



C3A2F5



000000



DFBDFF



FCD9FF



FFF6FF



3E276D



3E276D

■ 371C6D

■ 45326D

■ 2F116D

■ 4D3D6D

■ 28066D

■ 54486D

■ 24006D

■ 5B536D

■ 635E6D

■ 6A686D

■ 71736D

■ 797E6D

■ 80896D

# Harmonies

## Analogous

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



00377B



3E276D



640E51

# Triad

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



3E276D



572900



00443D

# Complementary

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



3E276D



566D27

# 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.



004218



3E276D



3B3700

# Square

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



3E276D



6A140C



143E00



00435F

# Rectangle

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



3E276D



6E003A



143E00



004331



# Sweetspot

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



3E276D



7D748F



27576D



3C3747



C7C7C7



474747



# Same Dimension

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



3E276D



45218F



60276D



323036



270075



5000F5



# Inverse Universe

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



6D2756



8F216B



346D27



363034



75004F

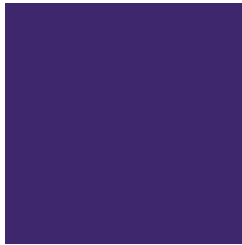


F500A4



# Previews

## White Background



This preview shows how the Hex color 3E276D 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

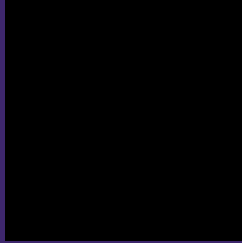
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E276D Background



This preview shows how black text looks on a background with the Hex color 3E276D.



This preview shows how white text looks on a background with the Hex color 3E276D.

# 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](#).

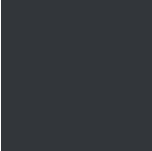
## Dichromacy



**Original Color**  
3E276D

**Protanopia**  
00346E

**Deuteranopia**  
00375F



**Tritanopia**  
32363A

# Trichromacy



**Original Color**  
3E276D

**Protanomaly**  
172F6E

**Deuteranomaly**  
173164

**Tritanomaly**  
36314D

# Monochromacy



**Original Color**  
3E276D

**Achromatopsia**  
363636

**Achromatomaly**  
39314A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E276D 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 #3E276D looks like.

```
.text, #text, p{  
    color:#3E276D  
}
```

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 #3E276D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E276D
}
```

## Border

The CSS property to change the border of an element to Hex 3E276D is called "border". The border property can be set on classes, ids or directly on the HTML element.

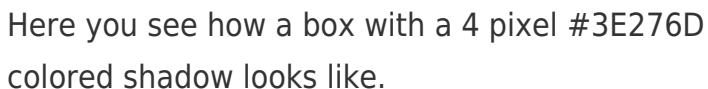
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E276D }
```

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

```
.border{ border-color:#3E276D }
```

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



Here you see how a box with a 4 pixel #3E276D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E276D; -webkit-box-shadow:4px 4px  
4px 4px #3E276D; box-shadow:4px 4px 4px  
4px #3E276D }
```

# Background

The CSS property to change the background color of an element to Hex 3E276D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E276D }
```

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

```
.background{ background-color:#3E276D }
```

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