

Converting Colors

Hex(3E3D77)

Have a look what the booklet for
Hex(3E3D77) contains.

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Color

Hex(3E3D77)

Conversions

Conversions Part 1

Format	Color
Hex	3E3D77
RGB	62, 61, 119
RGB Percent	24%, 24%, 47%
CMY	0.7569, 0.7608, 0.5333
CMYK	0.48, 0.49, 0.00, 0.53
HSL	241°, 32%, 35%
HSV	241°, 49%, 47%
XYZ	6.9851, 5.6935, 18.1836
YIQ	67.9110, -18.0220, 18.2500

Conversions

Conversions Part 2

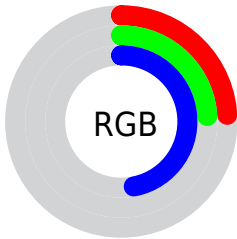
Format	Color
R _Y B	62, 61, 119
Decimal	4078967
CIE Lab	28.63, 17.08, -33.20
CIE LCh	29, 37.334, 297.229
Yxy	5.6935, 0.2263, 0.1845
Android (android.graphics.Color)	4282269047 (0xFF3E3D77)
YUV	67.9110, 25.1869, -5.1839
Hunter-Lab	23.8611, 10.4973, -28.4797

Details

The Hex color **3E3D77** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76773D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **716CAC**, and **071346** is the 20% darker color. If you saturate the color by 10%, you get **323177**, and if you desaturate by 10%, it is **4A4977**.

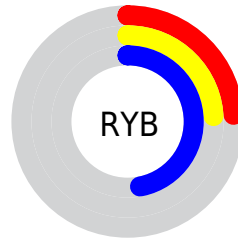
Distribution



Red (24%)

Green (24%)

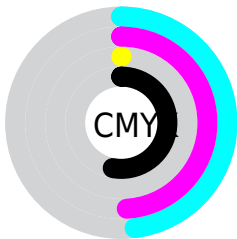
Blue (47%)



Red (24%)

Yellow (24%)

Blue (47%)

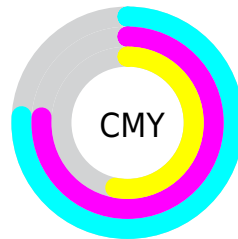


Cyan (48%)

Magenta (49%)

Yellow (0%)

Black (53%)



Cyan (76%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3D77 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 3E3D77 by changing the saturation by 10% instead.



3E3D77



3E3D77

FFFFFF



25275E



716CAC



071346



8C86C7



00002F



A7A0E3



00011A



C3BBFF



000000



DFD6FF



FCF3FF



3E3D77



3E3D77



323177



4A4977

■ 272577

■ 555577

■ 1B1977

■ 616177

■ 0F0D77

■ 6D6D77

■ 040277

■ 787877

■ 020077

■ 848477

■ 909077

■ 9C9C77

■ A7A877

Harmonies

Analogous

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



00487D



3E3D77



643063

Triad

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



3E3D77



6A3612



005140

Complementary

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



3E3D77



76773D

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.



094E23



3E3D77



544101

Square

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



3E3D77



762A2B



384A09



00515D

Rectangle

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



3E3D77



712951



384A09



005036

Sweetspot

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



3E3D77



85849C



3D7677



41414F



CFCFCF



4F4F4F

Same Dimension

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



3E3D77



43419C



5B3D77



35353B



02007A



0400FA

Inverse Universe

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



773D76



9C419A



59773D



3B353B



7A0078



FA00F6

Previews

White Background



This preview shows how the Hex color 3E3D77 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

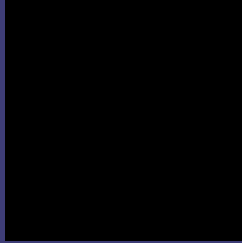
Any Text WCAG AA × Fail

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 3E3D77 Background



This preview shows how black text looks on a background with the Hex color 3E3D77.



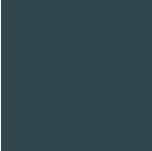
This preview shows how white text looks on a background with the Hex color 3E3D77.

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
32474D

Trichromacy



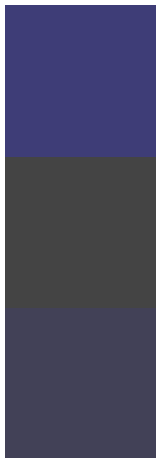
Original Color
3E3D77

Protanomaly
2F407A

Deuteranomaly
284176

Tritanomaly
36435C

Monochromacy



Original Color
3E3D77

Achromatopsia
444444

Achromatomaly
424157

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3D77 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 #3E3D77 looks like.

```
.text, #text, p{  
    color:#3E3D77  
}
```

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 #3E3D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3D77  
}
```

Border

The CSS property to change the border of an element to Hex 3E3D77 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  
#3E3D77 }
```

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

```
.border{ border-color:#3E3D77 }
```

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

Here you see how a box with a 4 pixel #3E3D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3D77; -webkit-box-shadow:4px 4px  
4px 4px #3E3D77; box-shadow:4px 4px 4px  
4px #3E3D77 }
```

Background

The CSS property to change the background color of an element to Hex 3E3D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3D77 }
```

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

```
.background{ background-color:#3E3D77 }
```

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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