

Converting Colors

Hex(3E2753)

Have a look what the booklet for
Hex(3E2753) contains.

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Color

Hex(3E2753)

Conversions

Conversions Part 1

Format	Color
Hex	3E2753
RGB	62, 39, 83
RGB Percent	24%, 15%, 33%
CMY	0.7569, 0.8471, 0.6745
CMYK	0.25, 0.53, 0.00, 0.67
HSL	271°, 36%, 24%
HSV	271°, 53%, 33%
XYZ	4.2735, 3.0997, 8.5567
YIQ	50.8930, -0.4160, 18.5600

Conversions

Conversions Part 2

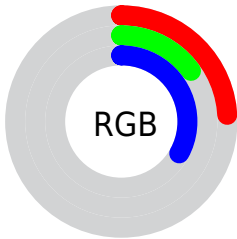
Format	Color
RYB	62, 39, 83
Decimal	4073299
CIELab	20.44, 20.73, -22.84
CIElCh	20, 30.845, 312.226
Yxy	3.0997, 0.2683, 0.1946
Android (android.graphics.Color)	4282263379 (0xFF3E2753)
YUV	50.8930, 15.8288, 9.7408
Hunter-Lab	17.6060, 12.5164, -16.4913

Details

The Hex color **3E2753** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3C5327**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6F5585**, and **160026** is the 20% darker color. If you saturate the color by 10%, you get **3A1F53**, and if you desaturate by 10%, it is **422F53**.

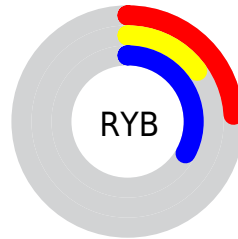
Distribution



 Red (24%)

 Green (15%)

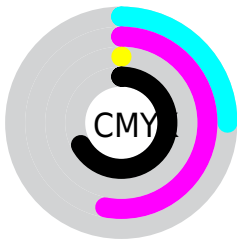
 Blue (33%)



 Red (24%)

 Yellow (15%)

 Blue (33%)

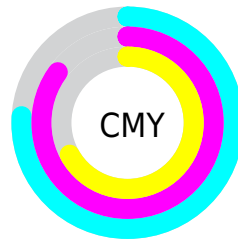


 Cyan (25%)

 Magenta (53%)

 Yellow (0%)

 Black (67%)



 Cyan (76%)

 Magenta (85%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2753 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 3E2753 by changing the saturation by 10% instead.



3E2753



3E2753

FFFFFF



27123C



6F5585



160026



896D9F



00010F



A387BA



000000



BFA1D6



DBBCF2



F7D8FF



FFF4FF



3E2753



3E2753

■ 3A1F53

■ 422F53

■ 361653

■ 463853

■ 320E53

■ 4A4053

■ 2E0653

■ 4E4853

■ 2B0053

■ 525153

■ 565953

■ 5A6153

■ 5E6953

■ 627253

Harmonies

Analogous

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



11315E



3E2753



531D40

Triad

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



3E2753



482B00



003C3A

Complementary

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



3E2753



3C5327

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.



003B23



3E2753



343300

Square

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



3E2753



552214



1A380D



003B4F

Rectangle

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



3E2753



591A31



1A380D



003C32

Sweetspot

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



3E2753



635A6B



273C53



312B36



B5B5B5



363636

Same Dimension

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



3E2753



4A276B



532752



272529



370069



7900E8

Inverse Universe

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



53273C



6B2747



275328



292527



690032



E8006F

Previews

White Background



This preview shows how the Hex color 3E2753 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

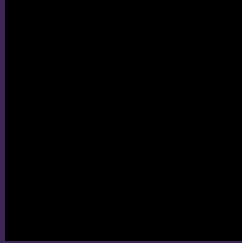
Any Text WCAG AA × Fail

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 3E2753 Background



This preview shows how black text looks on a background with the Hex color 3E2753.



This preview shows how white text looks on a background with the Hex color 3E2753.

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
3E2753

Protanopia
1B305C

Deuteranopia
1F3251



Tritanopia
382F33

Trichromacy



Original Color
3E2753

Protanomaly
282D59

Deuteranomaly
2A2E52

Tritanomaly
3A2C3F

Monochromacy



Original Color
3E2753

Achromatopsia
333333

Achromatomaly
372F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2753 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 #3E2753 looks like.

```
.text, #text, p{  
    color:#3E2753  
}
```

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 #3E2753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2753  
}
```

Border

The CSS property to change the border of an element to Hex 3E2753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

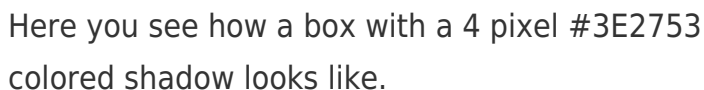
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3E2753 }
```

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

```
.border{ border-color:#3E2753 }
```

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



Here you see how a box with a 4 pixel #3E2753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2753; -webkit-box-shadow:4px 4px  
4px 4px #3E2753; box-shadow:4px 4px 4px  
4px #3E2753 }
```

Background

The CSS property to change the background color of an element to Hex 3E2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2753 }
```

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

```
.background{ background-color:#3E2753 }
```

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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