

Converting Colors

Hex(3E2745)

Have a look what the booklet for
Hex(3E2745) contains.

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Color

Hex(3E2745)

Conversions

Conversions Part 1

Format	Color
Hex	3E2745
RGB	62, 39, 69
RGB Percent	24%, 15%, 27%
CMY	0.7569, 0.8471, 0.7294
CMYK	0.10, 0.43, 0.00, 0.73
HSL	286°, 28%, 21%
HSV	286°, 43%, 27%
XYZ	3.7863, 2.9048, 5.9914
YIQ	49.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

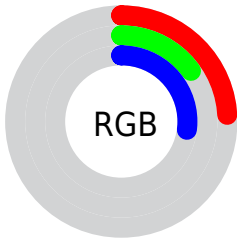
Format	Color
RYB	62, 39, 69
Decimal	4073285
CIELab	19.66, 17.06, -14.59
CIELCh	20, 22.450, 319.466
Yxy	2.9048, 0.2985, 0.2290
Android (android.graphics.Color)	4282263365 (0xFF3E2745)
YUV	49.2970, 9.7136, 11.1405
Hunter-Lab	17.0436, 9.8282, -8.9118

Details

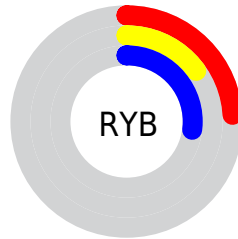
The Hex color **3E2745** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2E4527**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6E5575**, and **15001A** is the 20% darker color. If you saturate the color by 10%, you get **3C2045**, and if you desaturate by 10%, it is **402E45**.

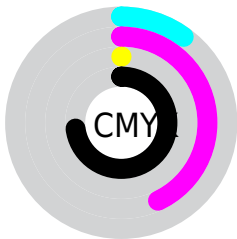
Distribution



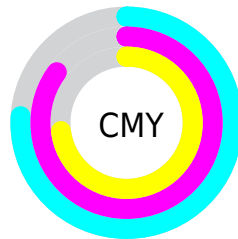
- Red (24%)
- Green (15%)
- Blue (27%)



- Red (24%)
- Yellow (15%)
- Blue (27%)



- Cyan (10%)
- Magenta (43%)
- Yellow (0%)
- Black (73%)



- Cyan (76%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2745 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 3E2745 by changing the saturation by 10% instead.



3E2745



3E2745

FFFFFF



28122F



6E5575



15001A



886D8F



000000



A286AA



BDA1C5



D9BCE1



F6D8FD



FFF4FF



3E2745



3E2745

■ 3C2045

■ 402E45

■ 3B1945

■ 413545

■ 391245

■ 433C45

■ 380B45

■ 444345

■ 360445

■ 464A45

■ 350045

■ 485045

■ 495745

■ 4B5E45

■ 4C6545

Harmonies

Analogous

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



272E4E



3E2745



4B2236

Triad

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



3E2745



3E2D0E



00383A

Complementary

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



3E2745



2E4527

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.



003729



3E2745



2F320F

Square

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



3E2745



492717



1B3619



003648

Rectangle

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



3E2745



4E212B



1B3619



003834

Sweetspot

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



3E2745



574E59



272E45



2C272E



ADADAD



2E2E2E

Same Dimension

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



3E2745



4E2B59



45273D



232024



4C0063



AE00E3

Inverse Universe

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



45272E



592B36



27452F



242021



630017



E30035

Previews

White Background



This preview shows how the Hex color 3E2745 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

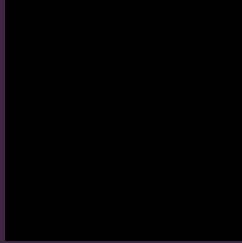
Any Text WCAG AA × Fail

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 3E2745 Background



This preview shows how black text looks on a background with the Hex color 3E2745.



This preview shows how white text looks on a background with the Hex color 3E2745.

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](#).

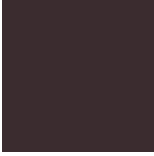
Dichromacy



Original Color
3E2745

Protanopia
252F4C

Deuteranopia
292F43



Tritanopia
3B2C2F

Trichromacy



Original Color
3E2745

Protanomaly
2E2C49

Deuteranomaly
312C44

Tritanomaly
3C2A37

Monochromacy



Original Color
3E2745

Achromatopsia
313131

Achromatomaly
362D38

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2745 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 #3E2745 looks like.

```
.text, #text, p{  
    color:#3E2745  
}
```

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 #3E2745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2745
}
```

Border

The CSS property to change the border of an element to Hex 3E2745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

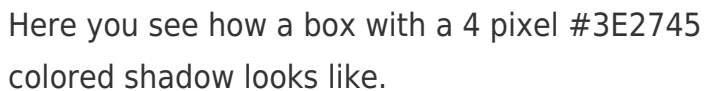
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E2745 }
```

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

```
.border{ border-color:#3E2745 }
```

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



Here you see how a box with a 4 pixel #3E2745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2745; -webkit-box-shadow:4px 4px  
4px 4px #3E2745; box-shadow:4px 4px 4px  
4px #3E2745 }
```

Background

The CSS property to change the background color of an element to Hex 3E2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2745 }
```

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

```
.background{ background-color:#3E2745 }
```

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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