

Converting Colors

Hex(3E315B)

Have a look what the booklet for
Hex(3E315B) contains.

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Color

Hex(3E315B)

Conversions

Conversions Part 1

Format	Color
Hex	3E315B
RGB	62, 49, 91
RGB Percent	24%, 19%, 36%
CMY	0.7569, 0.8078, 0.6431
CMYK	0.32, 0.46, 0.00, 0.64
HSL	259°, 30%, 27%
HSV	259°, 46%, 36%
XYZ	4.9732, 3.9761, 10.4029
YIQ	57.6750, -5.7340, 15.8180

Conversions

Conversions Part 2

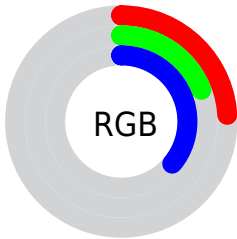
Format	Color
RYB	62, 49, 91
Decimal	4075867
CIELab	23.59, 16.36, -23.17
CIELCh	24, 28.360, 305.221
Yxy	3.9761, 0.2570, 0.2055
Android (android.graphics.Color)	4282265947 (0xFF3E315B)
YUV	57.6750, 16.4292, 3.7930
Hunter-Lab	19.9401, 9.6242, -16.9738

Details

The Hex color **3E315B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4E5B31**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6F5F8D**, and **13032D** is the 20% darker color. If you saturate the color by 10%, you get **38285B**, and if you desaturate by 10%, it is **443A5B**.

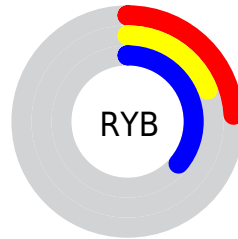
Distribution



 Red (24%)

 Green (19%)

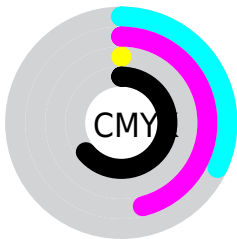
 Blue (36%)



 Red (24%)

 Yellow (19%)

 Blue (36%)

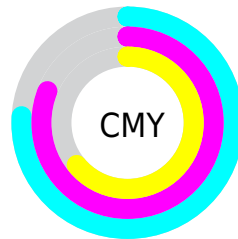


 Cyan (32%)

 Magenta (46%)

 Yellow (0%)

 Black (64%)



 Cyan (76%)

 Magenta (81%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E315B 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 3E315B by changing the saturation by 10% instead.

■ 3E315B

■ 3E315B

FFFFFF

■ 271C43

■ 6F5F8D

■ 13032D

■ 8978A8

■ 000118

■ A392C3

■ 000000

■ BFADDF

■ DBC8FC

■ F7E4FF

■ 3E315B

■ 3E315B

■ 38285B

■ 443A5B

■ 311F5B

■ 4B435B

■ 2B165B

■ 514C5B

■ 250D5B

■ 57555B

■ 1F035B

■ 5D5F5B

■ 1C005B

■ 64685B

■ 6A715B

■ 707A5B

■ 77835B

Harmonies

Analogous

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



123962



3E315B



55284A

Triad

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



3E315B



523111



00433B

Complementary

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



3E315B



4E5B31

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.



064126



3E315B



40380A

Square

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



3E315B



5D2921



2A3E13



004250

Rectangle

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



3E315B



5D253C



2A3E13



004234

Sweetspot

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



3E315B



6A6575



314E5B



34313B



BABABA



3B3B3B

Same Dimension

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



3E315B



493575



53315B



2B292E



22006E



4900ED

Inverse Universe

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



5B314E



753561



395B31



2E292C



6E004C



ED00A4

Previews

White Background



This preview shows how the Hex color 3E315B 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

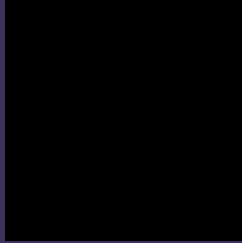
Any Text WCAG AA × Fail

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 3E315B Background



This preview shows how black text looks on a background with the Hex color 3E315B.



This preview shows how white text looks on a background with the Hex color 3E315B.

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
3E315B

Protanopia
263761

Deuteranopia
263859



Tritanopia
38383C

Trichromacy



Original Color
3E315B

Protanomaly
2F355F

Deuteranomaly
2F355A

Tritanomaly
3A3547

Monochromacy



Original Color
3E315B

Achromatopsia
3A3A3A

Achromatomaly
3B3746

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E315B 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 #3E315B looks like.

```
.text, #text, p{  
    color:#3E315B  
}
```

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 #3E315B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E315B
}
```

Border

The CSS property to change the border of an element to Hex 3E315B is called "border". The border property can be set on classes, ids or directly on the HTML element.

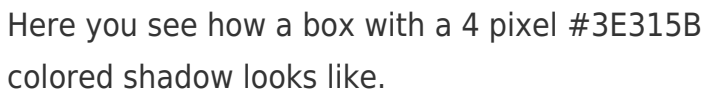
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E315B }
```

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

```
.border{ border-color:#3E315B }
```

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



Here you see how a box with a 4 pixel #3E315B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E315B; -webkit-box-shadow:4px 4px  
4px 4px #3E315B; box-shadow:4px 4px 4px  
4px #3E315B }
```

Background

The CSS property to change the background color of an element to Hex 3E315B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E315B }
```

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

```
.background{ background-color:#3E315B }
```

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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