

Converting Colors

Hex(39345E)

Have a look what the booklet for
Hex(39345E) contains.

Hex(39345E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(39345E)

Conversions

Conversions Part 1

Format	Color
Hex	39345E
RGB	57, 52, 94
RGB Percent	22%, 20%, 37%
CMY	0.7765, 0.7961, 0.6314
CMYK	0.39, 0.45, 0.00, 0.63
HSL	247°, 29%, 29%
HSV	247°, 45%, 37%
XYZ	4.9357, 4.1340, 11.1275
YIQ	58.2830, -10.5020, 14.1220

Conversions

Conversions Part 2

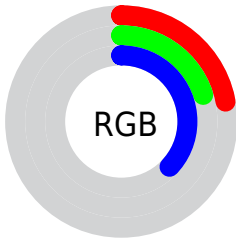
Format	Color
R_{YB}	57, 52, 94
Decimal	3748958
CIE _{Lab}	24.11, 13.65, -24.35
CIE _{LCh}	24, 27.919, 299.280
Yxy	4.1340, 0.2444, 0.2047
Android (android.graphics.Color)	4281939038 (0xFF39345E)
YUV	58.2830, 17.6085, -1.1252
Hunter-Lab	20.3322, 7.7501, -18.2158

Details

The Hex color **39345E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **595E34**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6A6291**, and **0D0730** is the 20% darker color. If you saturate the color by 10%, you get **312B5E**, and if you desaturate by 10%, it is **413D5E**.

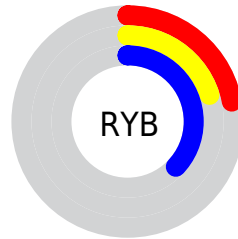
Distribution



Red (22%)

Green (20%)

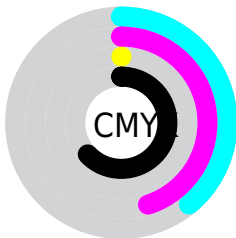
Blue (37%)



Red (22%)

Yellow (20%)

Blue (37%)

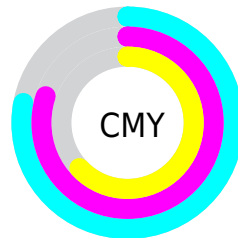


Cyan (39%)

Magenta (45%)

Yellow (0%)

Black (63%)



Cyan (78%)

Magenta (80%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39345E 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 39345E by changing the saturation by 10% instead.

■ 39345E

■ 39345E

FFFFFF

■ 221F46

■ 6A6291

■ 0D0730

■ 847BAB

■ 00011A

■ 9E95C7

■ 000000

■ B9B0E3

■ D5CBFF

■ F2E7FF

■ 39345E

■ 39345E

■ 312B5E

■ 413D5E

■ 28215E

■ 4A475E

■ 20185E

■ 52505E

■ 180E5E

■ 5A5A5E

■ 10055E

■ 62635E

■ 0B005E

■ 6B6C5E

■ 73765E

■ 7B7F5E

■ 84895E

Harmonies

Analogous

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



033C63



39345E



522B4F

Triad

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



39345E



553015



004338

Complementary

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



39345E



595E34

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.



134223



39345E



45380D

Square

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



39345E



5F2926



303E12



00434D

Rectangle

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



39345E



5C2742



303E12



004331

Sweetspot

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



39345E



6C6A7A



34595E



35333D



BDBDBD



3D3D3D

Same Dimension

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



39345E



40387A



4E345E



2A292E



0D006E



1C00ED

Inverse Universe

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



5E3459



7A3873



445E34



2E292D



6E0061



ED00D1

Previews

White Background



This preview shows how the Hex color 39345E looks on a white background.

Color Contrast Check

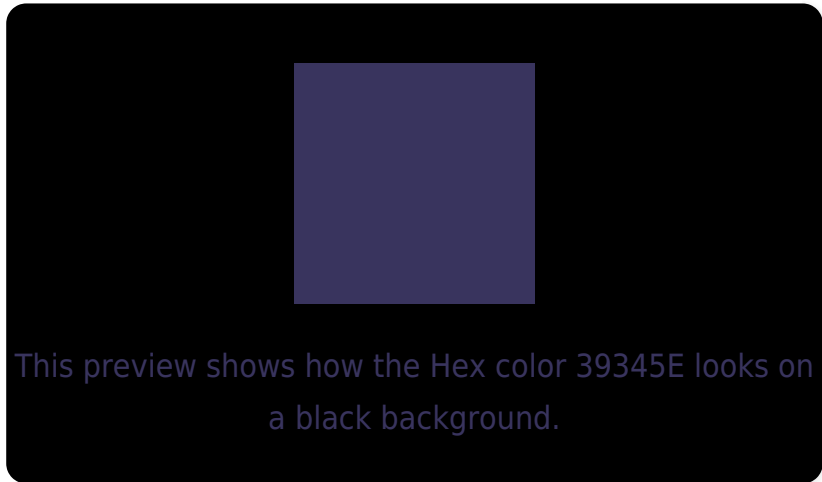
Large Text (above 18pt) WCAG AA ✓ Pass

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

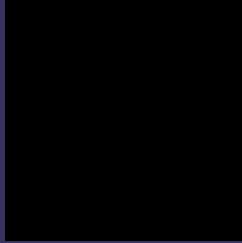
Any Text WCAG AA × Fail

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 39345E Background



This preview shows how black text looks on a background with the Hex color 39345E.



This preview shows how white text looks on a background with the Hex color 39345E.

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](#).

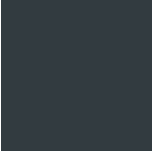
Dichromacy



Original Color
39345E

Protanopia
273862

Deuteranopia
243A5D



Tritanopia
323B40

Trichromacy



Original Color

39345E

Protanomaly

2E3761

Deuteranomaly

2C385D

Tritanomaly

35384B

Monochromacy



Original Color

39345E

Achromatopsia

3A3A3A

Achromatomaly

3A3847

CSS Examples

Text

The CSS property to change the color of the text to Hex 39345E 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 #39345E looks like.

```
.text, #text, p{  
    color:#39345E  
}
```

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 #39345E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39345E
}
```

Border

The CSS property to change the border of an element to Hex 39345E is called "border". The border property can be set on classes, ids or directly on the HTML element.

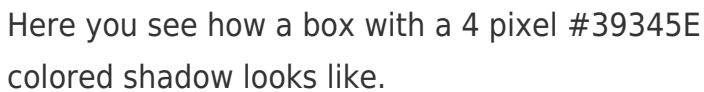
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39345E }
```

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

```
.border{ border-color:#39345E }
```

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



Here you see how a box with a 4 pixel #39345E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39345E; -webkit-box-shadow:4px 4px  
4px 4px #39345E; box-shadow:4px 4px 4px  
4px #39345E }
```

Background

The CSS property to change the background color of an element to Hex 39345E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39345E }
```

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

```
.background{ background-color:#39345E }
```

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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