

Converting Colors

Hex(40395E)

Have a look what the booklet for
Hex(40395E) contains.

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Color

Hex(40395E)

Conversions

Conversions Part 1

Format	Color
Hex	40395E
RGB	64, 57, 94
RGB Percent	25%, 22%, 37%
CMY	0.7490, 0.7765, 0.6314
CMYK	0.32, 0.39, 0.00, 0.63
HSL	251°, 25%, 30%
HSV	251°, 39%, 37%
XYZ	5.5979, 4.8244, 11.2258
YIQ	63.3110, -7.7050, 12.9910

Conversions

Conversions Part 2

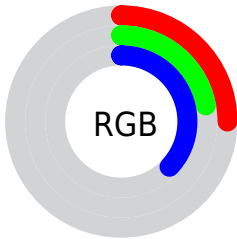
Format	Color
RYB	64, 57, 94
Decimal	4208990
CIELab	26.23, 12.52, -20.97
CIElCh	26, 24.424, 300.826
Yxy	4.8244, 0.2586, 0.2229
Android (android.graphics.Color)	4282399070 (0xFF40395E)
YUV	63.3110, 15.1297, 0.6043
Hunter-Lab	21.9645, 7.0545, -14.9274

Details

The Hex color **40395E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **575E39**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **716891**, and **130F30** is the 20% darker color. If you saturate the color by 10%, you get **38305E**, and if you desaturate by 10%, it is **48425E**.

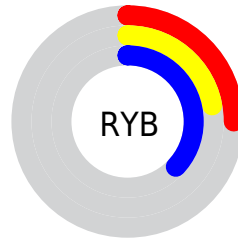
Distribution



 Red (25%)

 Green (22%)

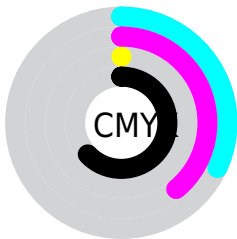
 Blue (37%)



 Red (25%)

 Yellow (22%)

 Blue (37%)

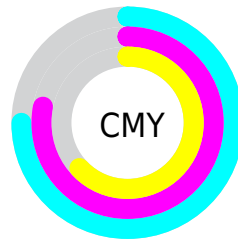


 Cyan (32%)


 Magenta (39%)

 Yellow (0%)

 Black (63%)



 Cyan (75%)

 Magenta (78%)

 Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40395E 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 40395E by changing the saturation by 10% instead.

■ 40395E

■ 40395E

FFFFFF

■ 292346

■ 716891

■ 130F30

■ 8B81AB

■ 00011B

■ A59BC7

■ 000000

■ C1B6E3

■ DDD2FF

■ F9EEFF

■ 40395E

■ 40395E

■ 38305E

■ 48425E

■ 31265E

■ 4F4C5E

■ 291D5E

■ 57555E

■ 22135E

■ 5E5F5E

■ 1A0A5E

■ 66685E

■ 12015E

■ 6E715E

■ 12005E

■ 757B5E

■ 7D845E

■ 858E5E

Harmonies

Analogous

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



1E4063



40395E



553250

Triad

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



40395E



57361E



00473E

Complementary

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



40395E



575E39

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.



1E462B



40395E



493D18

Square

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



40395E



60302C



36431D



004751

Rectangle

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



40395E



5E2F45



36431D



024738

Sweetspot

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



40395E



6E6C7A



39575E



36353D



BDBDBD



3D3D3D

Same Dimension

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



40395E



4C417A



52395E



2A292E



15006E



2D00ED

Inverse Universe

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



5E3957



7A4170



455E39



2E292D



6E0059



ED00C0

Previews

White Background



This preview shows how the Hex color 40395E looks on a white background.

Color Contrast Check

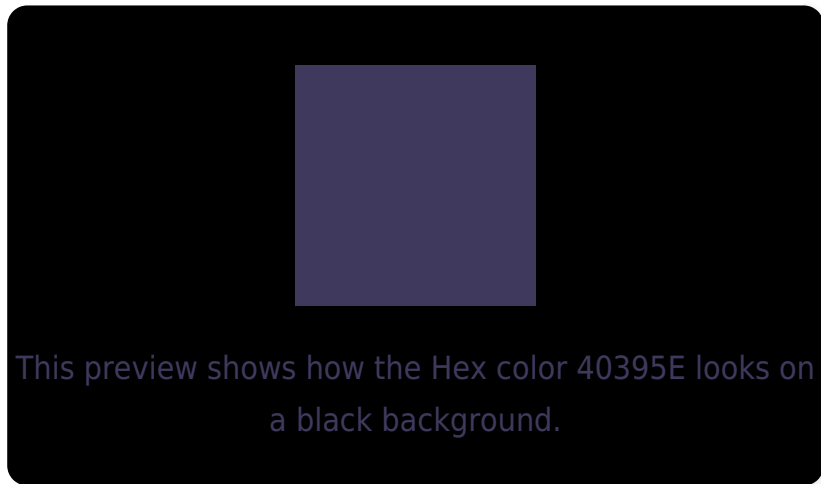
Large Text (above 18pt) WCAG AA ✓ Pass

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

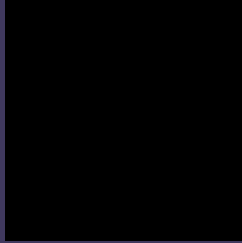
Any Text WCAG AA × Fail

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 40395E Background



This preview shows how black text looks on a background with the Hex color 40395E.



This preview shows how white text looks on a background with the Hex color 40395E.

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
40395E

Protanopia
313D61

Deuteranopia
303E5D



Tritanopia
3B3F44

Trichromacy



Original Color
40395E

Protanomaly
363C60

Deuteranomaly
363C5D

Tritanomaly
3D3D4D

Monochromacy



Original Color
40395E

Achromatopsia
3F3F3F

Achromatomaly
3F3D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 40395E 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 #40395E looks like.

```
.text, #text, p{  
    color:#40395E  
}
```

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 #40395E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40395E
}
```

Border

The CSS property to change the border of an element to Hex 40395E is called "border". The border property can be set on classes, ids or directly on the HTML element.

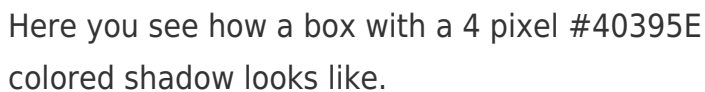
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40395E }
```

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

```
.border{ border-color:#40395E }
```

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



Here you see how a box with a 4 pixel #40395E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40395E; -webkit-box-shadow:4px 4px  
4px 4px #40395E; box-shadow:4px 4px 4px  
4px #40395E }
```

Background

The CSS property to change the background color of an element to Hex 40395E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40395E }
```

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

```
.background{ background-color:#40395E }
```

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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