

Converting Colors

Hex(39017E)

Have a look what the booklet for
Hex(39017E) contains.

Hex(39017E)	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(39017E)

Conversions

Conversions Part 1

Format	Color
Hex	39017E
RGB	57, 1, 126
RGB Percent	22%, 0%, 49%
CMY	0.7765, 0.9961, 0.5059
CMYK	0.55, 0.99, 0.00, 0.51
HSL	267°, 98%, 25%
HSV	267°, 99%, 49%
XYZ	5.4641, 2.3979, 19.9135
YIQ	31.9940, -6.7490, 50.7470

Conversions

Conversions Part 2

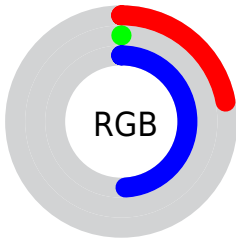
Format	Color
RYB	57, 1, 126
Decimal	3735934
CIELab	17.45, 48.79, -55.85
CIELCh	17, 74.161, 311.139
Yxy	2.3979, 0.1967, 0.0863
Android (android.graphics.Color)	4281926014 (0xFF39017E)
YUV	31.9940, 46.3450, 21.9303
Hunter-Lab	15.4852, 35.8861, -65.4054

Details

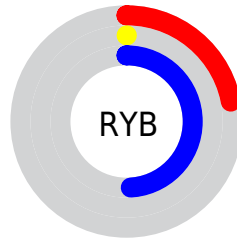
The Hex color **39017E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **467E01**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7139B4**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **38007E**, and if you desaturate by 10%, it is **400E7E**.

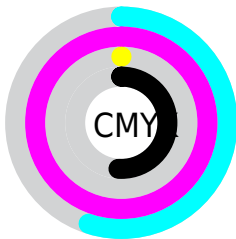
Distribution



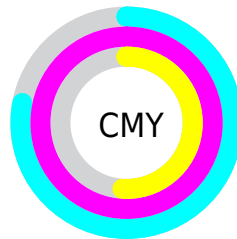
- Red (22%)
- Green (0%)
- Blue (49%)



- Red (22%)
- Yellow (0%)
- Blue (49%)



- Cyan (55%)
- Magenta (99%)
- Yellow (0%)
- Black (51%)



- Cyan (78%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39017E 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 39017E by changing the saturation by 10% instead.

 39017E

 39017E

 FFF7FF

 190064

 7139B4

 00004C

 8D53D0

 000434

 A96CED

 00021E

 C687FF

 000000

 E4A2FF

 FFBDFE

 FFDAFF

 39017E

 39017E

■ 38007E

■ 400E7E

■ 471A7E

■ 4E277E

■ 55337E

■ 5C407E

■ 634D7E

■ 6A597E

■ 71667E

■ 78727E

Harmonies

Analogous

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



002F98



39017E



72004F

Triad

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



39017E



501900



003D3E

Complementary

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



39017E



467E01

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.



003B00



39017E



232F00

Square

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



39017E



6F0000



003700



003D72

Rectangle

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



39017E



7E002C



003700



003C2C

Sweetspot

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



39017E



8872A3



01487E



413452



D1D1D1



525252

Same Dimension

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



39017E



4900A3



76017E



3C3940



390080



000000

Inverse Universe

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



7E0146



A3005A



097E01



40393D



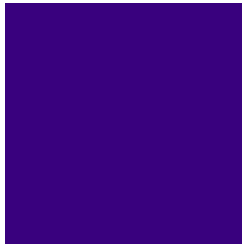
800046



000000

Previews

White Background



This preview shows how the Hex color 39017E looks on a white background.

Color Contrast Check

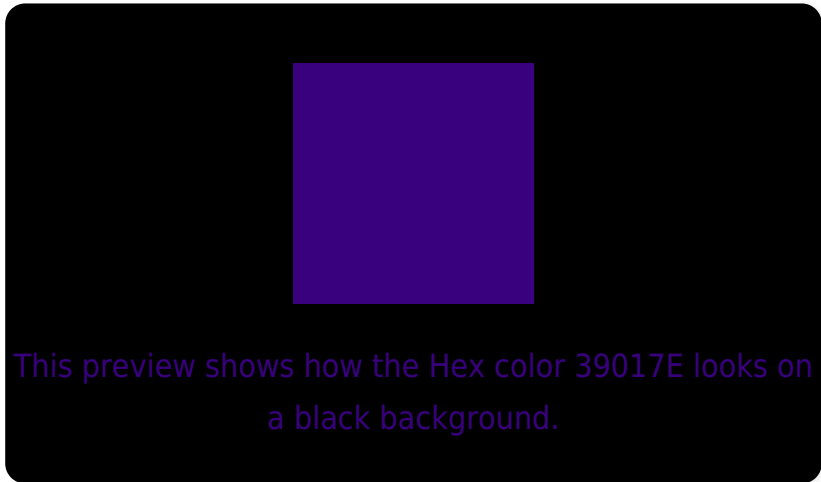
Large Text (above 18pt) WCAG AA ✓ Pass

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 39017E Background



This preview shows how black text looks on a background with the Hex color 39017E.



This preview shows how white text looks on a background with the Hex color 39017E.

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
39017E

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



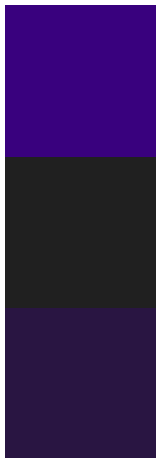
Original Color
39017E

Protanomaly
151D6A

Deuteranomaly
151F61

Tritanomaly
292050

Monochromacy



Original Color
39017E

Achromatopsia
202020

Achromatomaly
291542

CSS Examples

Text

The CSS property to change the color of the text to Hex 39017E 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 #39017E looks like.

```
.text, #text, p{  
    color:#39017E  
}
```

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 #39017E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39017E
}
```

Border

The CSS property to change the border of an element to Hex 39017E is called "border". The border property can be set on classes, ids or directly on the HTML element.

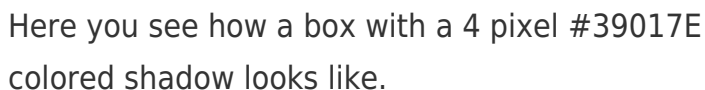
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39017E }
```

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

```
.border{ border-color:#39017E }
```

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



Here you see how a box with a 4 pixel #39017E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39017E; -webkit-box-shadow:4px 4px  
4px 4px #39017E; box-shadow:4px 4px 4px  
4px #39017E }
```

Background

The CSS property to change the background color of an element to Hex 39017E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39017E }
```

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

```
.background{ background-color:#39017E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor