

Converting Colors

Hex(39937D)

Have a look what the booklet for
Hex(39937D) contains.

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Color

Hex(39937D)

Conversions

Conversions Part 1

Format	Color
Hex	39937D
RGB	57, 147, 125
RGB Percent	22%, 58%, 49%
CMY	0.7765, 0.4235, 0.5098
CMYK	0.61, 0.00, 0.15, 0.42
HSL	165°, 44%, 40%
HSV	165°, 61%, 58%
XYZ	15.8227, 23.2180, 23.0496
YIQ	117.5820, -46.5780, -25.9220

Conversions

Conversions Part 2

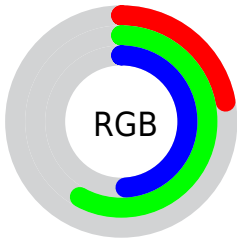
Format	Color
RYB	57, 108, 147
Decimal	3773309
CIELab	55.30, -32.26, 3.73
CIELCh	55, 32.472, 173.408
Yxy	23.2180, 0.2548, 0.3739
Android (android.graphics.Color)	4281963389 (0xFF39937D)
YUV	117.5820, 3.6571, -53.1304
Hunter-Lab	48.1850, -25.7089, 5.3678

Details

The Hex color **39937D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **93394F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **71CAB2**, and **00604C** is the 20% darker color. If you saturate the color by 10%, you get **2A9379**, and if you desaturate by 10%, it is **489381**.

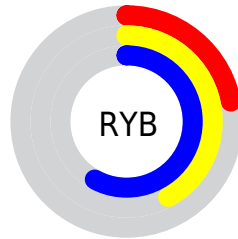
Distribution



Red (22%)

Green (58%)

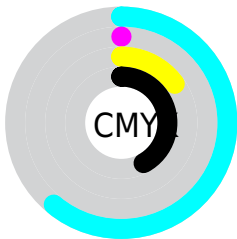
Blue (49%)



Red (22%)

Yellow (42%)

Blue (58%)

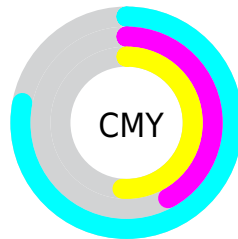


Cyan (61%)

Magenta (0%)

Yellow (15%)

Black (42%)



Cyan (78%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39937D 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 39937D by changing the saturation by 10% instead.

39937D

39937D

FFFFFF

177964

71CAB2

00604C

8DE6CD

004736

A9FFE9

003020

C6FFFF

001B09

E3FFFF

000000

39937D

39937D

2A9379

489381

1C9376

569384

0D9372

659388

00936F

74938B

83938F

919393

A09396

AF939A

BD939D

Harmonies

Analogous

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



609062



39937D



00939A

Triad

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



39937D



7E7FB8



B17758

Complementary

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



39937D



93394F

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.



BB706F



39937D



A275A6

Square

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



39937D



4F89BC



B66F8C



9C814C

Rectangle

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



39937D



0091AA



B66F8C



B6745F

Sweetspot

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



39937D



9DBFB7



509339



4C615C



E0E0E0



616161

Same Dimension

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



39937D



34BF9D



397C93



434A48



008A68



000A08

Inverse Universe

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



93394F



BF3456



935039



4A4344



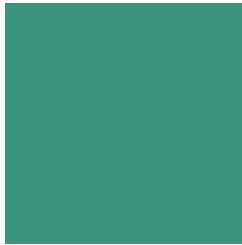
8A0022



0A0002

Previews

White Background



This preview shows how the Hex color 39937D looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

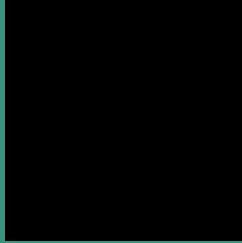
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 39937D Background



This preview shows how black text looks on a background with the Hex color 39937D.

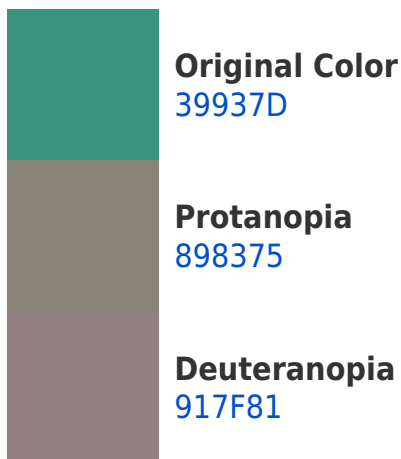


This preview shows how white text looks on a background with the Hex color 39937D.

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](#).

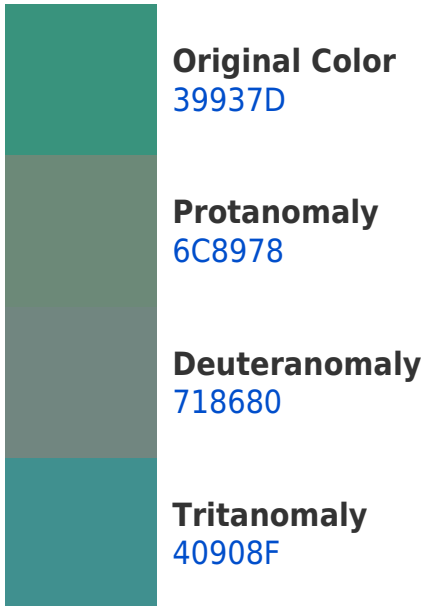
Dichromacy



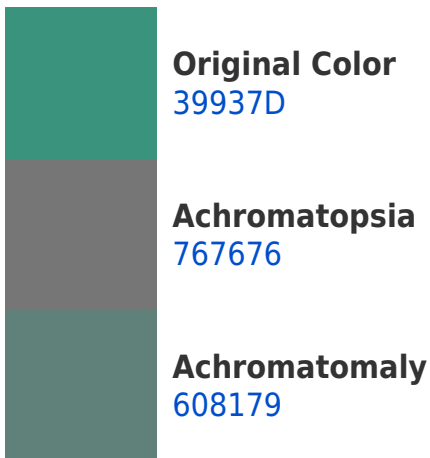


Tritanopia
448F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39937D 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 #39937D looks like.

```
.text, #text, p{  
    color:#39937D  
}
```

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 #39937D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39937D
}
```

Border

The CSS property to change the border of an element to Hex 39937D 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
#39937D }
```

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

```
.border{ border-color:#39937D }
```

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

Here you see how a box with a 4 pixel #39937D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39937D; -webkit-box-shadow:4px 4px  
4px 4px #39937D; box-shadow:4px 4px 4px  
4px #39937D }
```

Background

The CSS property to change the background color of an element to Hex 39937D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39937D }
```

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

```
.background{ background-color:#39937D }
```

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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