

# Converting Colors

Hex(3C937D)

Have a look what the booklet for  
Hex(3C937D) contains.

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**Color**

**Hex(3C937D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C937D
RGB	60, 147, 125
RGB Percent	24%, 58%, 49%
CMY	0.7647, 0.4235, 0.5098
CMYK	0.59, 0.00, 0.15, 0.42
HSL	165°, 42%, 41%
HSV	165°, 59%, 58%
XYZ	15.9989, 23.3088, 23.0578
YIQ	118.4790, -44.7900, -25.2860

# Conversions

## Conversions Part 2

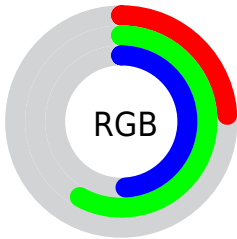
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 110, 147
Decimal	3969917
CIELab	55.39, -31.64, 3.87
CIELCh	55, 31.877, 173.021
Yxy	23.3088, 0.2565, 0.3737
Android (android.graphics.Color)	4282159997 (0xFF3C937D)
YUV	118.4790, 3.2149, -51.2861
Hunter-Lab	48.2792, -25.3367, 5.4788

# Details

The Hex color **3C937D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **933C52**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **74CAB2**, and **00604C** is the 20% darker color. If you saturate the color by 10%, you get **2D9379**, and if you desaturate by 10%, it is **4B9381**.

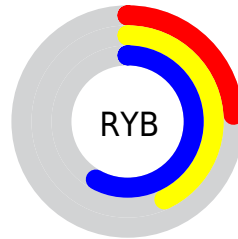
# Distribution



Red (24%)

Green (58%)

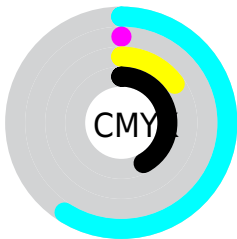
Blue (49%)



Red (24%)

Yellow (43%)

Blue (58%)

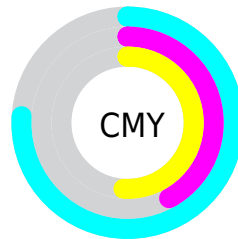


Cyan (59%)

Magenta (0%)

Yellow (15%)

Black (42%)



Cyan (76%)

Magenta (42%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C937D 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 3C937D by changing the saturation by 10% instead.



3C937D

3C937D

FFFFFF

1C7964

74CAB2

00604C

8FE6CD

004736

ABFFE9

003020

C8FFFF

001C09

E5FFFF

000000

3C937D

3C937D

2D9379

4B9381

1F9376

599384

■ 109372

■ 689388

■ 01936E

■ 77938C

■ 00936E

■ 859390

■ 949393

■ A39397

■ B2939B

■ C0939E

# Harmonies

## Analogous

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



619062



3C937D



0E9399

# Triad

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



3C937D



7E80B7



B1775A

# Complementary

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



3C937D



933C52

# 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.



BA7070



3C937D



A176A6

# Square

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



3C937D



5189BB



B6708C



9D814E

# Rectangle

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



3C937D



0891A9



B6708C



B57460



# Sweetspot

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



3C937D



9DBFB7



53933C



4C615C



E0E0E0



616161



# Same Dimension

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



3C937D



37BF9D



3C7F93



434A48



008A67



000A08



# Inverse Universe

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



933C52



BF375A



93503C



4A4344



8A0023

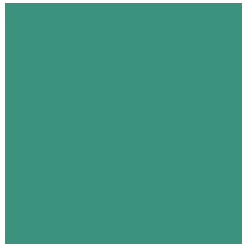


0A0003



# Previews

## White Background



This preview shows how the Hex color 3C937D 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

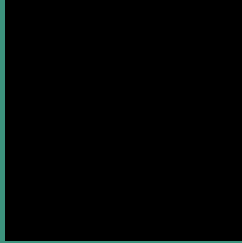
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3C937D Background



This preview shows how black text looks on a background with the Hex color 3C937D.

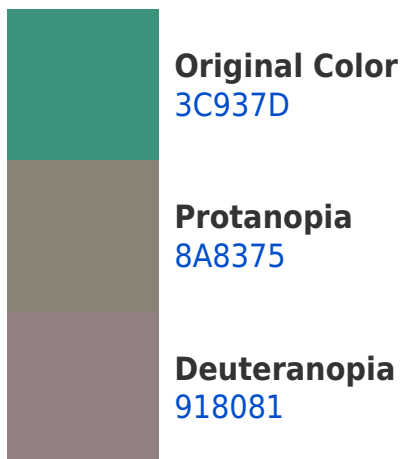


This preview shows how white text looks on a background with the Hex color 3C937D.

# 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](#).

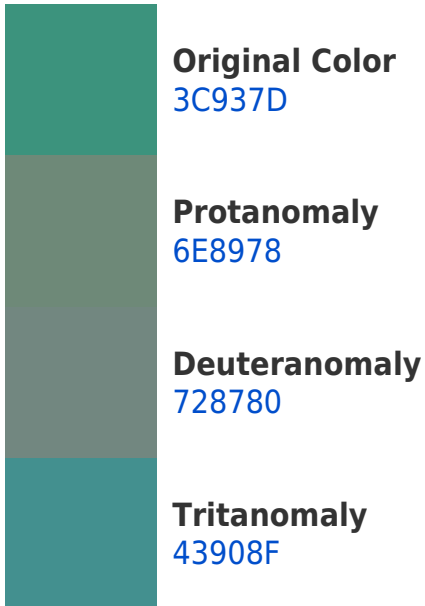
## Dichromacy



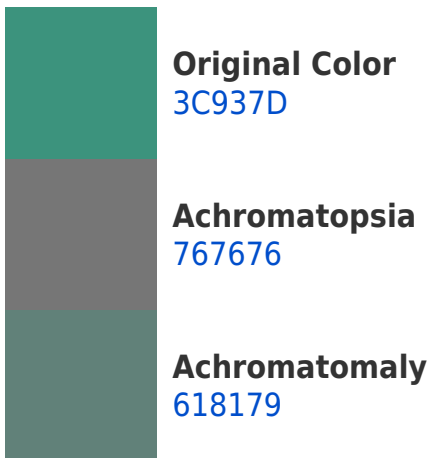


**Tritanopia**  
478F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C937D 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 #3C937D looks like.

```
.text, #text, p{  
    color:#3C937D  
}
```

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 #3C937D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C937D
}
```

## Border

The CSS property to change the border of an element to Hex 3C937D 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
#3C937D }
```

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

```
.border{ border-color:#3C937D }
```

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

Here you see how a box with a 4 pixel #3C937D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C937D; -webkit-box-shadow:4px 4px  
4px 4px #3C937D; box-shadow:4px 4px 4px  
4px #3C937D }
```

# Background

The CSS property to change the background color of an element to Hex 3C937D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C937D }
```

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

```
.background{ background-color:#3C937D }
```

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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