

Converting Colors

Hex(3C957F)

Have a look what the booklet for
Hex(3C957F) contains.

Hex(3C957F)	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(3C957F)

Conversions

Conversions Part 1

Format	Color
Hex	3C957F
RGB	60, 149, 127
RGB Percent	24%, 58%, 50%
CMY	0.7647, 0.4157, 0.5020
CMYK	0.60, 0.00, 0.15, 0.42
HSL	165°, 43%, 41%
HSV	165°, 60%, 58%
XYZ	16.4417, 23.9879, 23.8422
YIQ	119.8810, -45.9820, -25.7100

Conversions

Conversions Part 2

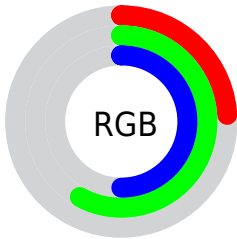
Format	Color
RYB	60, 111, 149
Decimal	3970431
CIELab	56.08, -32.08, 3.72
CIELCh	56, 32.291, 173.384
Yxy	23.9879, 0.2558, 0.3732
Android (android.graphics.Color)	4282160511 (0xFF3C957F)
YUV	119.8810, 3.5097, -52.5156
Hunter-Lab	48.9774, -25.7881, 5.4218

Details

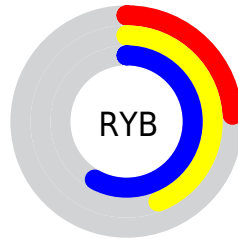
The Hex color **3C957F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **953C52**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **74CCB4**, and **00624E** is the 20% darker color. If you saturate the color by 10%, you get **2D957B**, and if you desaturate by 10%, it is **4B9583**.

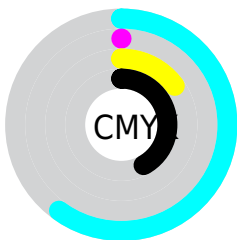
Distribution



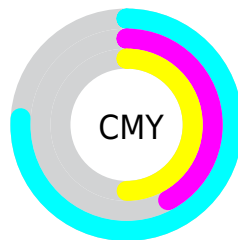
- Red (24%)
- Green (58%)
- Blue (50%)



- Red (24%)
- Yellow (44%)
- Blue (58%)



- Cyan (60%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)



- Cyan (76%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C957F 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 3C957F by changing the saturation by 10% instead.

 3C957F

 3C957F

FFFFFF

 1C7B66

 74CCB4

 00624E

 90E8CF

 004937

 ACFFEB

 003222

 C9FFFF

 001E0C

 E6FFFF

 000000

 3C957F

 3C957F

 2D957B

 4B9583

 1E9578

 5A9586

0F9574

69958A

009570

78958E

879591

959595

A49599

B3959C

C295A0

Harmonies

Analogous

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



629264



3C957F



0B959C

Triad

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



3C957F



8181BA



B3795A

Complementary

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



3C957F



953C52

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.



BD7272



3C957F



A477A8

Square

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



3C957F



528BBE



B8718E



9E834E

Rectangle

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



3C957F



0693AC



B8718E



B87661

Sweetspot

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



3C957F



9FC2B9



52953C



4C615C



E0E0E0



616161

Same Dimension

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



3C957F



36C29F



3C7F95



434A48



008A68



000A08

Inverse Universe

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



953C52



C23659



95523C



4A4344



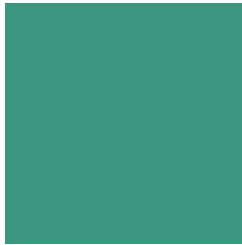
8A0022



0A0003

Previews

White Background



This preview shows how the Hex color 3C957F looks on a white background.

Color Contrast Check

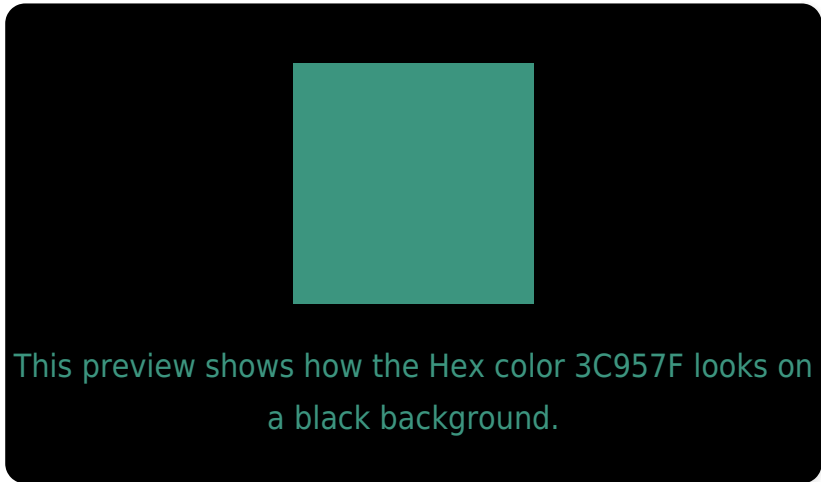
Large Text (above 18pt) WCAG AA ✓ Pass

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

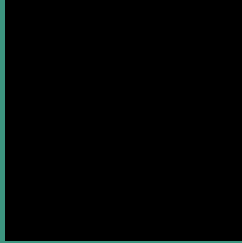
Any Text WCAG AA ✓ Pass

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 3C957F Background



This preview shows how black text looks on a background with the Hex color 3C957F.

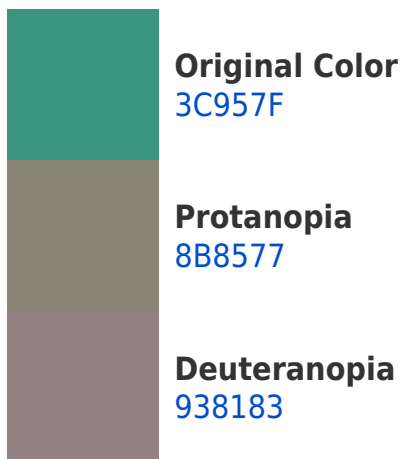



This preview shows how white text looks on a background with the Hex color 3C957F.

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
47919D

Trichromacy



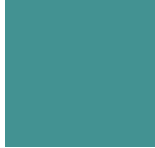
Original Color
3C957F



Protanomaly
6E8B7A



Deuteranomaly
738882



Tritanomaly
439292

Monochromacy



Original Color
3C957F



Achromatopsia
787878



Achromatomaly
62837B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C957F 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 #3C957F looks like.

```
.text, #text, p{  
    color:#3C957F  
}
```

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 #3C957F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C957F
}
```

Border

The CSS property to change the border of an element to Hex 3C957F 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
#3C957F }
```

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

```
.border{ border-color:#3C957F }
```

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

Here you see how a box with a 4 pixel #3C957F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C957F; -webkit-box-shadow:4px 4px  
4px 4px #3C957F; box-shadow:4px 4px 4px  
4px #3C957F }
```

Background

The CSS property to change the background color of an element to Hex 3C957F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C957F }
```

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

```
.background{ background-color:#3C957F }
```

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