

Converting Colors

Hex(339C74)

Have a look what the booklet for
Hex(339C74) contains.

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Color

Hex(339C74)

Conversions

Conversions Part 1

Format	Color
Hex	339C74
RGB	51, 156, 116
RGB Percent	20%, 61%, 45%
CMY	0.8000, 0.3882, 0.5451
CMYK	0.67, 0.00, 0.26, 0.39
HSL	157°, 51%, 41%
HSV	157°, 67%, 61%
XYZ	16.4061, 25.7417, 20.6270
YIQ	120.0450, -49.7400, -34.7000

Conversions

Conversions Part 2

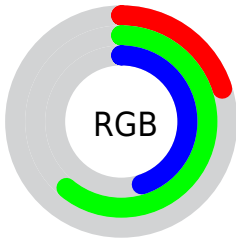
Format	Color
RYB	51, 116, 156
Decimal	3382388
CIELab	57.79, -39.67, 12.36
CIElCh	58, 41.553, 162.694
Yxy	25.7417, 0.2613, 0.4101
Android (android.graphics.Color)	4281572468 (0xFF339C74)
YUV	120.0450, -1.9942, -60.5525
Hunter-Lab	50.7363, -31.0687, 11.4109

Details

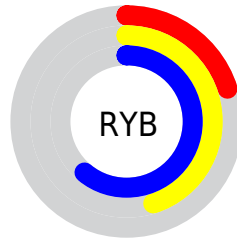
The Hex color **339C74** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C335B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6ED3A8**, and **006844** is the 20% darker color. If you saturate the color by 10%, you get **239C6E**, and if you desaturate by 10%, it is **439C7A**.

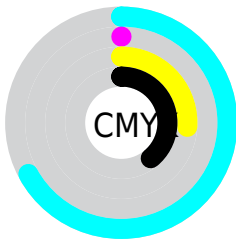
Distribution



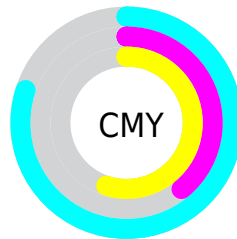
- Red (20%)
- Green (61%)
- Blue (45%)



- Red (20%)
- Yellow (45%)
- Blue (61%)



- Cyan (67%)
- Magenta (0%)
- Yellow (26%)
- Black (39%)



- Cyan (80%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339C74 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 339C74 by changing the saturation by 10% instead.



339C74



339C74

FFFFFF



07815B



6ED3A8



006844



8AF0C3



004F2D



A7FFDF



003718



C4FFFC



002200



E1FFFF



000000



339C74



339C74



239C6E



439C7A



149C68



529C80

■ 049C62

■ 629C86

■ 009C61

■ 719C8C

■ 819C92

■ 919C98

■ A09C9E

■ B09CA4

■ BF9CA9

Harmonies

Analogous

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



6A9754



339C74



009E9A

Triad

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



339C74



6B89D2



C9745B

Complementary

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



339C74



9C335B

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.



D06D7D



339C74



A27BC0

Square

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



339C74



0095D0



C370A1



B28145

Rectangle

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



339C74



009CB1



C370A1



CD7166

Sweetspot

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



339C74



A3CCBC



5B9C33



4E665D



E6E6E6



666666

Same Dimension

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



339C74



27CC8D



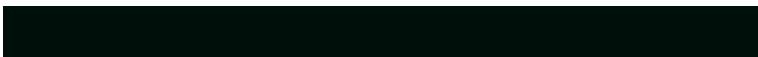
33909C



474F4C



008F58



000F09

Inverse Universe

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



9C335B



CC2766



9C3F33



4F474A



8F0036



0F0006

Previews

White Background



This preview shows how the Hex color 339C74 looks on a white background.

Color Contrast Check

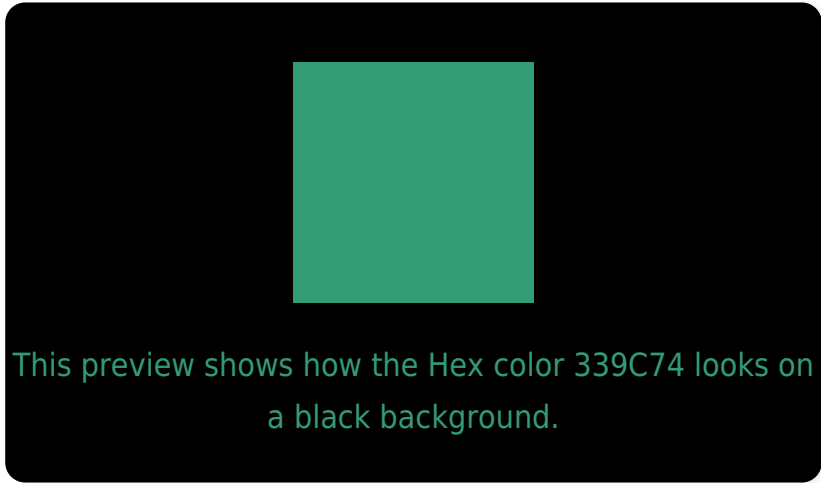
Large Text (above 18pt) WCAG AA ✓ Pass

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

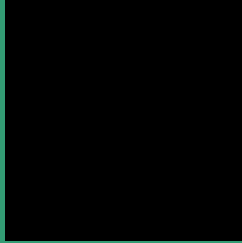
Any Text WCAG AA ✓ Pass

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 339C74 Background



This preview shows how black text looks on a background with the Hex color 339C74.

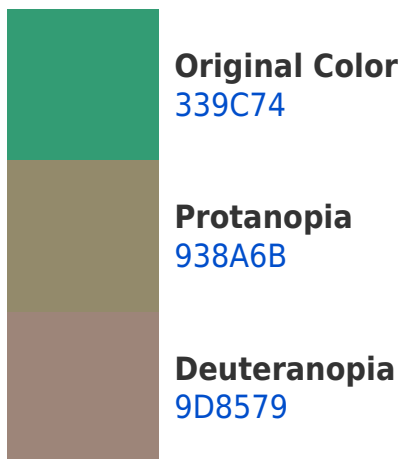


This preview shows how white text looks on a background with the Hex color 339C74.

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](#).

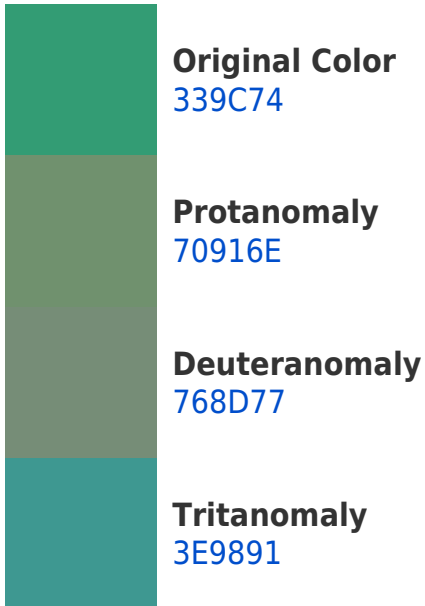
Dichromacy





Tritanopia
4596A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 339C74 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 #339C74 looks like.

```
.text, #text, p{  
    color:#339C74  
}
```

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 #339C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339C74
}
```

Border

The CSS property to change the border of an element to Hex 339C74 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
#339C74 }
```

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

```
.border{ border-color:#339C74 }
```

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

Here you see how a box with a 4 pixel #339C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339C74; -webkit-box-shadow:4px 4px  
4px 4px #339C74; box-shadow:4px 4px 4px  
4px #339C74 }
```

Background

The CSS property to change the background color of an element to Hex 339C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339C74 }
```

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

```
.background{ background-color:#339C74 }
```

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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