

Converting Colors

Hex(3DC99F)

Have a look what the booklet for
Hex(3DC99F) contains.

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Color

Hex(3DC99F)

Conversions

Conversions Part 1

Format	Color
Hex	3DC99F
RGB	61, 201, 159
RGB Percent	24%, 79%, 62%
CMY	0.7608, 0.2118, 0.3765
CMYK	0.70, 0.00, 0.21, 0.21
HSL	162°, 56%, 51%
HSV	162°, 70%, 79%
XYZ	29.0691, 45.2686, 40.0065
YIQ	154.3520, -69.9580, -42.7420

Conversions

Conversions Part 2

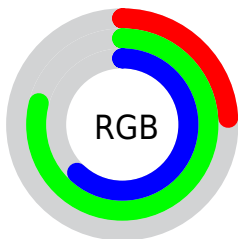
Format	Color
RYB	61, 143, 201
Decimal	4049311
CIELab	73.07, -47.04, 10.32
CIELCh	73, 48.160, 167.628
Yxy	45.2686, 0.2542, 0.3959
Android (android.graphics.Color)	4282239391 (0xFF3DC99F)
YUV	154.3520, 2.2915, -81.8697
Hunter-Lab	67.2819, -40.6226, 11.8429

Details

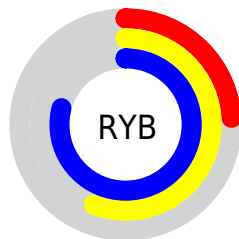
The Hex color **3DC99F** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C93D67**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7EFFF6**, and **00926C** is the 20% darker color. If you saturate the color by 10%, you get **29C999**, and if you desaturate by 10%, it is **51C9A5**.

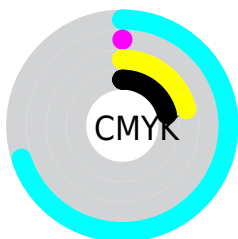
Distribution



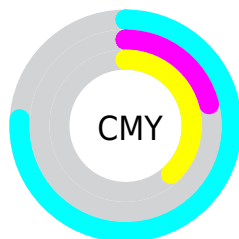
- Red (24%)
- Green (79%)
- Blue (62%)



- Red (24%)
- Yellow (56%)
- Blue (79%)



- Cyan (70%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)



- Cyan (76%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DC99F 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 3DC99F by changing the saturation by 10% instead.



3DC99F



3DC99F

FFFFFF



07AD85



7EFFF6



00926C



9CFFF2



007753



BAFFFF



005E3C



D8FFFF



004526



F6FFFF



002E12



001300



000000



3DC99F



3DC99F

■ 29C999

■ 51C9A5

■ 15C993

■ 65C9AB

■ 01C98D

■ 79C9B1

■ 00C98D

■ 8DC9B7

■ A2C9BD

■ B6C9C3

■ CAC9C9

■ DEC9CF

■ F2C9D5

Harmonies

Analogous

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



82C376



3DC99F



00CACD

Triad

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



3DC99F



9AFFFF



FC9B74

Complementary

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



3DC99F



C93D67

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.



FF909B



3DC99F



D89EEF

Square

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



3DC99F



39BDFE



FC91C8



DEAA5C

Rectangle

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



3DC99F



00C8E8



FC91C8



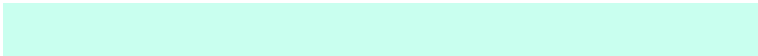
FF9680

Sweetspot

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



3DC99F



C9FFEF



67C93D



608076



000000



808080

Same Dimension

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



3DC99F



29FFBF



3DADC9



5A6360



00A372



002419

Inverse Universe

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



C93D67



FF2969



C9593D



635A5C



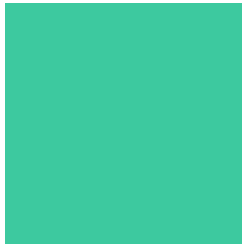
A30031



24000B

Previews

White Background



This preview shows how the Hex color 3DC99F looks on a white background.

Color Contrast Check

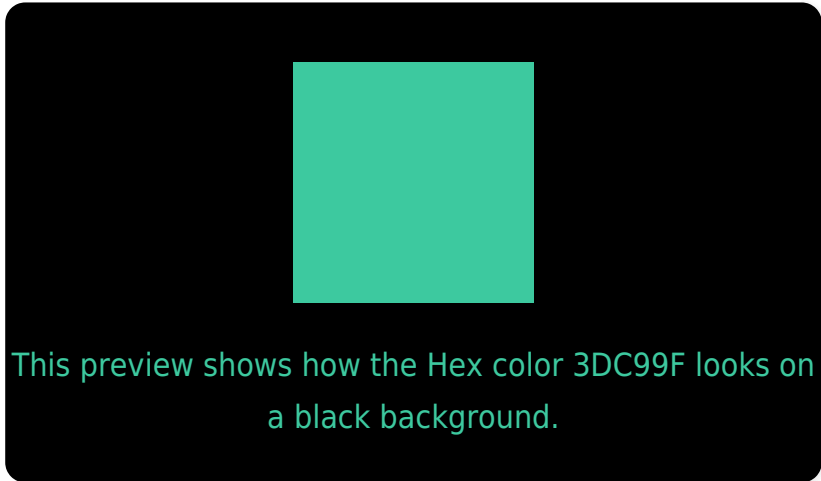
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

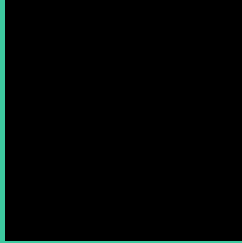
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

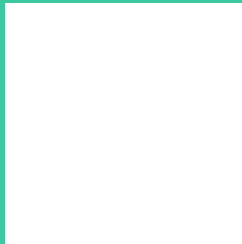
Any Text WCAG AAA ✓ Pass

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

Hex 3DC99F Background



This preview shows how black text looks on a background with the Hex color 3DC99F.

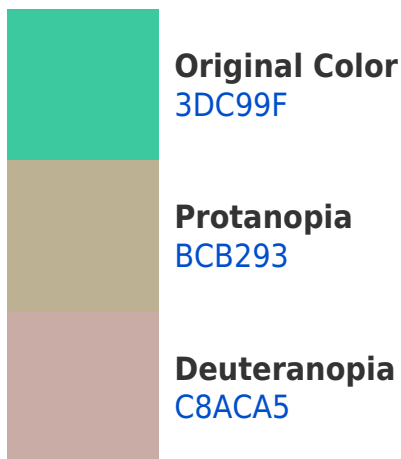


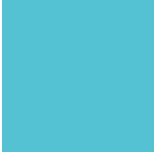
This preview shows how white text looks on a background with the Hex color 3DC99F.

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
54C2D2

Trichromacy



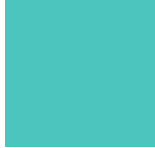
Original Color
3DC99F



Protanomaly
8EBA97



Deuteranomaly
95B7A3



Tritanomaly
4CC5BF

Monochromacy



Original Color
3DC99F



Achromatopsia
9A9A9A



Achromatomaly
78AB9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DC99F 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 #3DC99F looks like.

```
.text, #text, p{  
    color:#3DC99F  
}
```

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 #3DC99F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC99F
}
```

Border

The CSS property to change the border of an element to Hex 3DC99F 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
#3DC99F }
```

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

```
.border{ border-color:#3DC99F }
```

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

Here you see how a box with a 4 pixel #3DC99F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC99F; -webkit-box-shadow:4px 4px  
4px 4px #3DC99F; box-shadow:4px 4px 4px  
4px #3DC99F }
```

Background

The CSS property to change the background color of an element to Hex 3DC99F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC99F }
```

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

```
.background{ background-color:#3DC99F }
```

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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