

# Converting Colors

Hex(3DD9A3)

Have a look what the booklet for  
Hex(3DD9A3) contains.

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**Color**

**Hex(3DD9A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DD9A3
RGB	61, 217, 163
RGB Percent	24%, 85%, 64%
CMY	0.7608, 0.1490, 0.3608
CMYK	0.72, 0.00, 0.25, 0.15
HSL	159°, 67%, 55%
HSV	159°, 72%, 85%
XYZ	33.3482, 53.2622, 43.1733
YIQ	164.2000, -75.6420, -49.8660

# Conversions

## Conversions Part 2

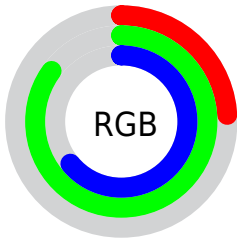
Format	Color
<a href="#">RYB</a>	<a href="#">61, 155, 217</a>
Decimal	<a href="#">4053411</a>
<a href="#">CIELab</a>	<a href="#">78.03, -52.65, 15.19</a>
<a href="#">CIElCh</a>	<a href="#">78, 54.793, 163.907</a>
<a href="#">Yxy</a>	<a href="#">53.2622, 0.2570, 0.4104</a>
Android (android.graphics.Color)	<a href="#">4282243491</a> ( <a href="#">0xFF3DD9A3</a> )
<a href="#">YUV</a>	<a href="#">164.2000, -0.5916, -90.5064</a>
<a href="#">Hunter-Lab</a>	<a href="#">72.9809, -46.1521, 16.0125</a>




# Details

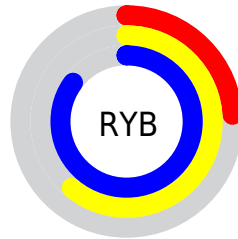
The Hex color **3DD9A3** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D93D73**, and the grayscale version is **A4A4A4**.




A 20% lighter version of the original color is **80FFDA**, and **00A16F** is the 20% darker color. If you saturate the color by 10%, you get **27D99B**, and if you desaturate by 10%, it is **53D9AB**.

# Distribution







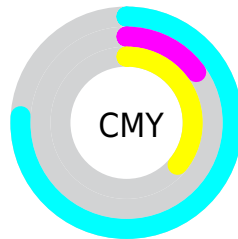
-  Red (24%)
-  Green (85%)
-  Blue (64%)






-  Red (24%)
-  Yellow (61%)
-  Blue (85%)



-  Cyan (72%)
-  Magenta (0%)
-  Yellow (25%)
-  Black (15%)



-  Cyan (76%)
-  Magenta (15%)
-  Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DD9A3 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 3DD9A3 by changing the saturation by 10% instead.





3DD9A3



3DD9A3

FFFFFF



00BD89



80FFDA



00A16F



9FFFF7



008657



BEFFFF



006C3F



DCFFFF



005229



FBFFFF



003A14



002300



000000



3DD9A3



3DD9A3

■ 27D99B

■ 53D9AB

■ 12D994

■ 68D9B2

■ 00D98E

■ 7ED9BA

■ 94D9C1

■ AAD9C9

■ BFD9D0

■ D5D9D8

■ EBD9DF

■ FFD9E7

# Harmonies

## Analogous

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



90D275



3DD9A3



00DBD8

# Triad

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



3DD9A3



97BEFF



FFA27D

# Complementary

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



3DD9A3



D93D73

# 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.



FF97AB



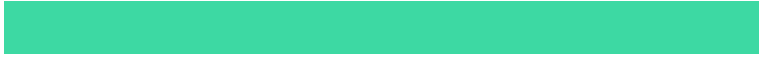
3DD9A3



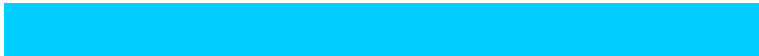
E3AAFF

# Square

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



3DD9A3



00CEFF



FF9ADE



F6B45E

# Rectangle

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



3DD9A3



00D9F8



FF9ADE



FF9D8B

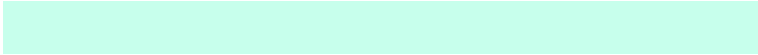


# Sweetspot

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



3DD9A3



C7FFEC



74D93D



5E8074



000000



808080



# Same Dimension

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



3DD9A3



24FFB3



3DC2D9



636E6A



00AD71



002E1E



# Inverse Universe

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



D93D73



FF2470



D9543D



6E6366



AD003C

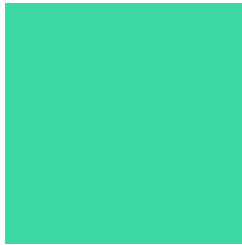


2E0010



# Previews

## White Background



This preview shows how the Hex color 3DD9A3 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



This preview shows how the Hex color 3DD9A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

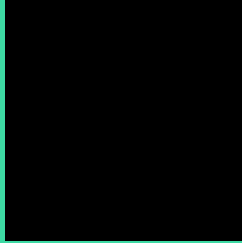
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3DD9A3 Background



This preview shows how black text looks on a background with the Hex color 3DD9A3.

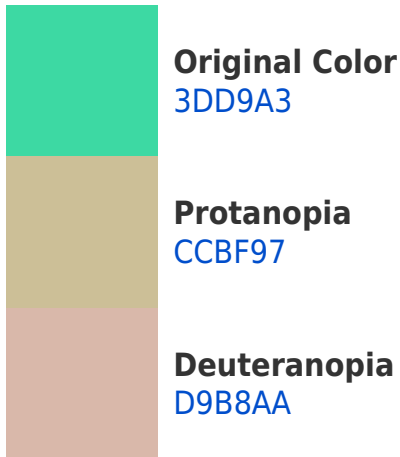


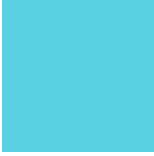
This preview shows how white text looks on a background with the Hex color 3DD9A3.

# 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](#).

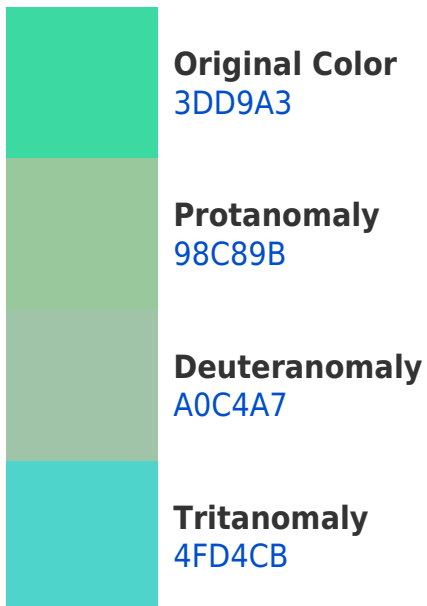
## Dichromacy



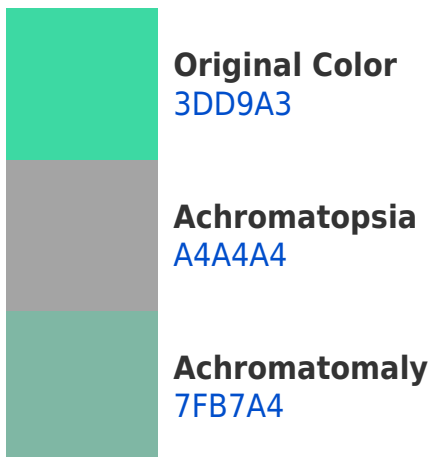


**Tritanopia**  
5AD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DD9A3 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 #3DD9A3 looks like.

```
.text, #text, p{  
    color:#3DD9A3  
}
```

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 #3DD9A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DD9A3
}
```

## Border

The CSS property to change the border of an element to Hex 3DD9A3 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
#3DD9A3 }
```

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

```
.border{ border-color:#3DD9A3 }
```

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

Here you see how a box with a 4 pixel #3DD9A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DD9A3; -webkit-box-shadow:4px 4px  
4px 4px #3DD9A3; box-shadow:4px 4px 4px  
4px #3DD9A3 }
```

# Background

The CSS property to change the background color of an element to Hex 3DD9A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DD9A3 }
```

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

```
.background{ background-color:#3DD9A3 }
```

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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