

# Converting Colors

Hex(3DD3A6)

Have a look what the booklet for  
Hex(3DD3A6) contains.

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**Color**

**Hex(3DD3A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DD3A6
RGB	61, 211, 166
RGB Percent	24%, 83%, 65%
CMY	0.7608, 0.1725, 0.3490
CMYK	0.71, 0.00, 0.21, 0.17
HSL	162°, 63%, 53%
HSV	162°, 71%, 83%
XYZ	32.1017, 50.3338, 44.0999
YIQ	161.0200, -74.9550, -45.7950

# Conversions

## Conversions Part 2

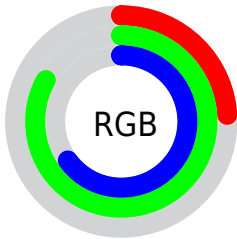
Format	Color
<b>RYB</b>	61, 149, 211
Decimal	4051878
CIELab	76.27, -49.53, 11.12
CIELCh	76, 50.760, 167.349
Yxy	50.3338, 0.2537, 0.3978
Android (android.graphics.Color)	4282241958 (0xFF3DD3A6)
YUV	161.0200, 2.4551, -87.7175
Hunter-Lab	70.9463, -43.3887, 12.8081

# Details

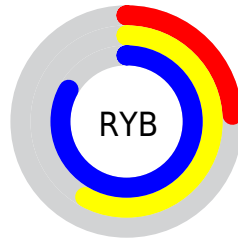
The Hex color **3DD3A6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D33D6A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **80FFDD**, and **009B72** is the 20% darker color. If you saturate the color by 10%, you get **28D3A0**, and if you desaturate by 10%, it is **52D3AC**.

# Distribution



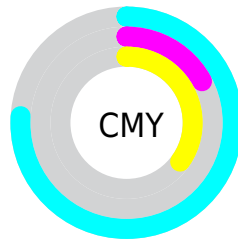
- Red (24%)
- Green (83%)
- Blue (65%)



- Red (24%)
- Yellow (58%)
- Blue (83%)



- Cyan (71%)
- Magenta (0%)
- Yellow (21%)
- Black (17%)



- Cyan (76%)
- Magenta (17%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DD3A6 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 3DD3A6 by changing the saturation by 10% instead.



 3DD3A6

 3DD3A6

FFFFFF

 00B78C

 80FFDD

 009B72

 9EFFFF

 00815A

 BCFFFF

 006742

 DBFFFF

 004D2C

 F9FFFF

 003517

 001E00

 000000

 3DD3A6

 3DD3A6

■ 28D3A0

■ 52D3AC

■ 13D399

■ 67D3B3

■ 00D394

■ 7CD3B9

■ 91D3BF

■ A7D3C6

■ BCD3CC

■ D1D3D2

■ E6D3D9

■ FBD3DF

# Harmonies

## Analogous

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



88CD7A



3DD3A6



00D4D7

# Triad

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



3DD3A6



A0B7FF



FFA279

# Complementary

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



3DD3A6



D33D6A

# 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.



FF96A3



3DD3A6



E2A5FC

# Square

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



3DD3A6



34C7FF



FF98D2



EAB35F

# Rectangle

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



3DD3A6



00D2F4



FF98D2



FF9D86

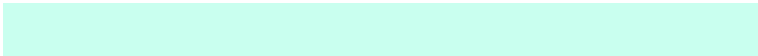


# Sweetspot

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



3DD3A6



C9FFEF



6AD33D



608076



000000



808080



# Same Dimension

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



3DD3A6



26FFBE



3DB5D3



5E6965



00A876



00291D



# Inverse Universe

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



D33D6A



FF2667



D35B3D



695E61



A80032

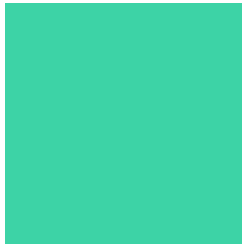


29000C



# Previews

## White Background



This preview shows how the Hex color 3DD3A6 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 3DD3A6 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 3DD3A6 Background



This preview shows how black text looks on a background with the Hex color 3DD3A6.

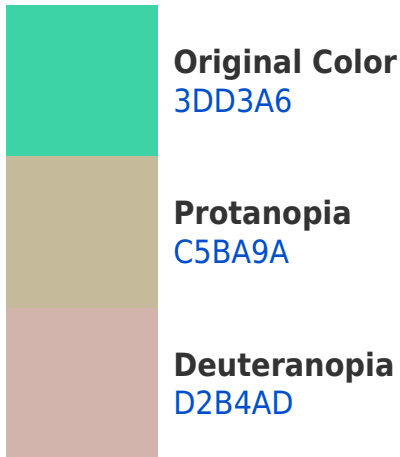


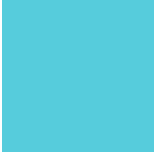
This preview shows how white text looks on a background with the Hex color 3DD3A6.

# 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





# Trichromacy



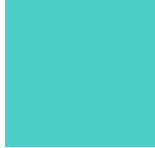
**Original Color**  
3DD3A6



**Protanomaly**  
94C39E



**Deuteranomaly**  
9CBFAA



**Tritanomaly**  
4DCFC8

# Monochromacy



**Original Color**  
3DD3A6



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
7DB3A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DD3A6 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 #3DD3A6 looks like.

```
.text, #text, p{  
    color:#3DD3A6  
}
```

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 #3DD3A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DD3A6
}
```

## Border

The CSS property to change the border of an element to Hex 3DD3A6 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
#3DD3A6 }
```

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

```
.border{ border-color:#3DD3A6 }
```

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

Here you see how a box with a 4 pixel #3DD3A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DD3A6; -webkit-box-shadow:4px 4px  
4px 4px #3DD3A6; box-shadow:4px 4px 4px  
4px #3DD3A6 }
```

# Background

The CSS property to change the background color of an element to Hex 3DD3A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DD3A6 }
```

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

```
.background{ background-color:#3DD3A6 }
```

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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