

Converting Colors

Hex(3DD9CC)

Have a look what the booklet for
Hex(3DD9CC) contains.

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Color

Hex(3DD9CC)

Conversions

Conversions Part 1

Format	Color
Hex	3DD9CC
RGB	61, 217, 204
RGB Percent	24%, 85%, 80%
CMY	0.7608, 0.1490, 0.2000
CMYK	0.72, 0.00, 0.06, 0.15
HSL	175°, 67%, 55%
HSV	175°, 72%, 85%
XYZ	37.6364, 54.9774, 65.7548
YIQ	168.8740, -88.8030, -37.1150

Conversions

Conversions Part 2

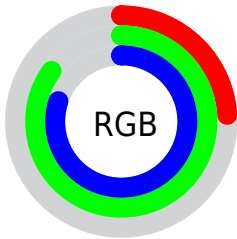
Format	Color
RYB	61, 142, 217
Decimal	4053452
CIELab	79.03, -42.44, -5.21
CIELCh	79, 42.759, 186.998
Yxy	54.9774, 0.2377, 0.3471
Android (android.graphics.Color)	4282243532 (0xFF3DD9CC)
YUV	168.8740, 17.3171, -94.6055
Hunter-Lab	74.1468, -39.1515, -0.6768

Details

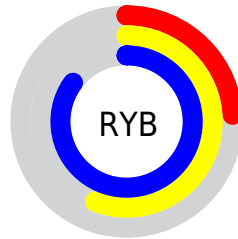
The Hex color **3DD9CC** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **D93D4A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **83FFFF**, and **00A196** is the 20% darker color. If you saturate the color by 10%, you get **27D9CA**, and if you desaturate by 10%, it is **53D9CE**.

Distribution



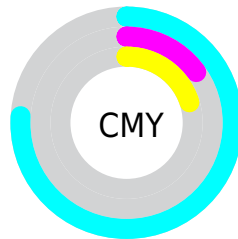
- Red (24%)
- Green (85%)
- Blue (80%)



- Red (24%)
- Yellow (56%)
- Blue (85%)



- Cyan (72%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (76%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DD9CC 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 3DD9CC by changing the saturation by 10% instead.

 3DD9CC

 3DD9CC

FFFFFF

 00BDB1

 83FFFF

 00A196

 A2FFFF

 00877C

 C1FFFF

 006D63

 E0FFFF

 00534C

 003B35

 002620

 000009

 000000

 3DD9CC

 3DD9CC

 27D9CA

 53D9CE

 12D9C8

 68D9D0

 00D9C7

 7ED9D1

 94D9D3

 AAD9D5

 BFD9D7

 D5D9D9

 EBD9DA

 FFD9DC

Harmonies

Analogous

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



78D6A3



3DD9CC



00D7F2

Triad

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



3DD9CC



D4B6FF



F7B77B

Complementary

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



3DD9CC



D93D4A

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.



FFAA96



3DD9CC



FDA9E4

Square

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



3DD9CC



99C4FF



FFA4BC



D5C474

Rectangle

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



3DD9CC



35D3FF



FFA4BC



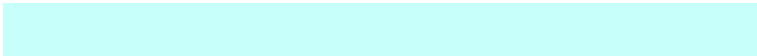
FFB282

Sweetspot

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



3DD9CC



C7FFFA



4AD93D



5E807D



000000



808080

Same Dimension

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



3DD9CC



24FFED



3D98D9



636E6D



00AD9F



002E2A

Inverse Universe

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



D93D4A



FF2436



D97E3D



6E6364



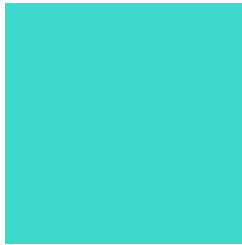
AD000E



2E0004

Previews

White Background



This preview shows how the Hex color 3DD9CC looks on a white background.

Color Contrast Check

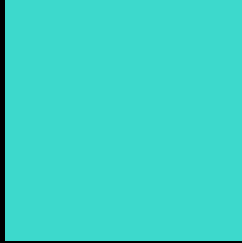
Large Text (above 18pt) WCAG AA × Fail

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 3DD9CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

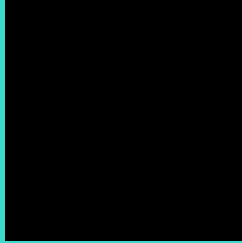
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

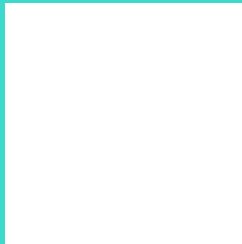
Any Text WCAG AAA ✓ Pass

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

Hex 3DD9CC Background



This preview shows how black text looks on a background with the Hex color 3DD9CC.

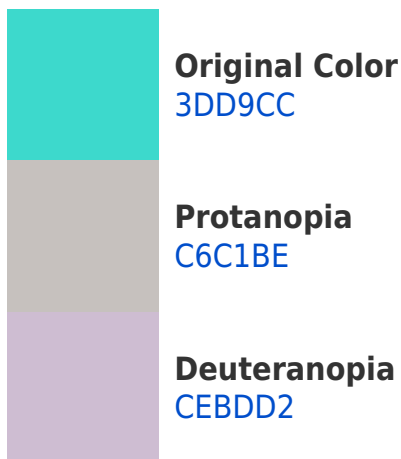


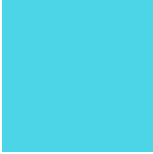
This preview shows how white text looks on a background with the Hex color 3DD9CC.

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
4CD5E6

Trichromacy



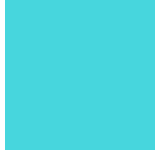
Original Color
3DD9CC



Protanomaly
94CAC3



Deuteranomaly
99C7D0

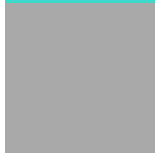


Tritanomaly
47D6DD

Monochromacy



Original Color
3DD9CC



Achromatopsia
A9A9A9



Achromatomaly
82BAB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DD9CC 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 #3DD9CC looks like.

```
.text, #text, p{  
    color:#3DD9CC  
}
```

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 #3DD9CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DD9CC
}
```

Border

The CSS property to change the border of an element to Hex 3DD9CC 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
#3DD9CC }
```

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

```
.border{ border-color:#3DD9CC }
```

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

Here you see how a box with a 4 pixel #3DD9CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DD9CC; -webkit-box-shadow:4px 4px  
4px 4px #3DD9CC; box-shadow:4px 4px 4px  
4px #3DD9CC }
```

Background

The CSS property to change the background color of an element to Hex 3DD9CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DD9CC }
```

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

```
.background{ background-color:#3DD9CC }
```

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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