

# Converting Colors

Hex(3DC8D1)

Have a look what the booklet for  
Hex(3DC8D1) contains.

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# Color

**Hex(3DC8D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DC8D1
RGB	61, 200, 209
RGB Percent	24%, 78%, 82%
CMY	0.7608, 0.2157, 0.1804
CMYK	0.71, 0.04, 0.00, 0.18
HSL	184°, 62%, 53%
HSV	184°, 71%, 82%
XYZ	34.0874, 46.9041, 67.5784
YIQ	159.4650, -85.7330, -26.6690

# Conversions

## Conversions Part 2

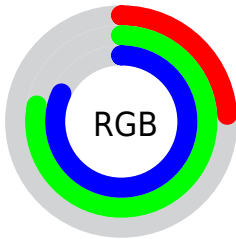
Format	Color
<b>RYB</b>	61, 133, 209
Decimal	4049105
CIELab	74.13, -33.24, -15.21
CIElCh	74, 36.557, 204.580
Yxy	46.9041, 0.2294, 0.3157
Android (android.graphics.Color)	4282239185 (0xFF3DC8D1)
YUV	159.4650, 24.4208, -86.3538
Hunter-Lab	68.4866, -31.0079, -10.5632

# Details

The Hex color **3DC8D1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D1463D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **81FFFF**, and **00919B** is the 20% darker color. If you saturate the color by 10%, you get **28C7D1**, and if you desaturate by 10%, it is **52C9D1**.

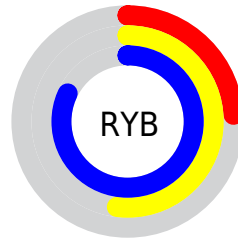
# Distribution



Red (24%)

Green (78%)

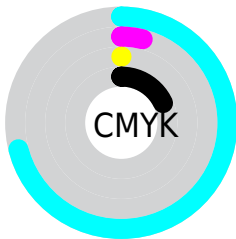
Blue (82%)



Red (24%)

Yellow (52%)

Blue (82%)

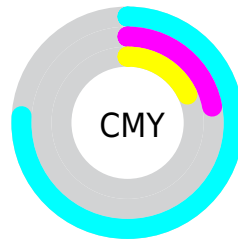


Cyan (71%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (76%)

Magenta (22%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DC8D1 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 3DC8D1 by changing the saturation by 10% instead.



3DC8D1

3DC8D1

FFFFFF

00ACB5

81FFFF

00919B

A0FFFF

007781

BEFFFF

005E68

DDFFFF

00464F

FCFFFF

002F39

001823

00000C

000000

■ 3DC8D1

■ 3DC8D1

■ 28C7D1

■ 52C9D1

■ 13C5D1

■ 67CBD1

■ 00C4D1

■ 7CCCD1

■ 91CDD1

■ A6CED1

■ BAD0D1

■ CFD1D1

■ E4D2D1

■ F9D3D1

# Harmonies

## Analogous

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



60C8AF



3DC8D1



4AC4EC

# Triad

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



3DC8D1



DBA4DE



D3B273

# Complementary

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



3DC8D1



D1463D

# 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.



ECA781



3DC8D1



F39DBE

# Square

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



3DC8D1



B2B0F3



F89E9C



B1BD78

# Rectangle

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



3DC8D1



6BBFF6



F89E9C



DCAE76



# Sweetspot

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



3DC8D1



C9FCFF



3DD144



607E80



000000



808080



# Same Dimension

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



3DC8D1



26F2FF



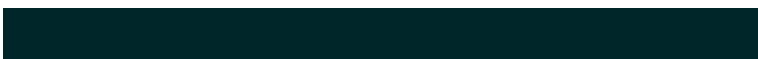
3D80D1



5E6869



009EA8



002629



# Inverse Universe

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



D13DC8



FF26F2



D18E3D



695E68



A8009E



290026



# Previews

## White Background



This preview shows how the Hex color 3DC8D1 looks on a white background.

## Color Contrast Check

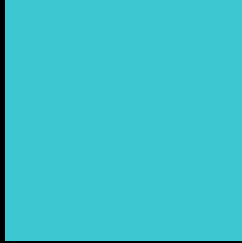
Large Text (above 18pt) WCAG AA × Fail

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 3DC8D1 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

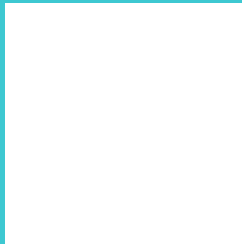
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3DC8D1 Background



This preview shows how black text looks on a background with the Hex color 3DC8D1.

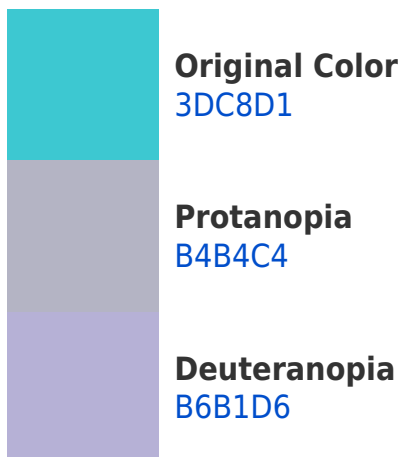


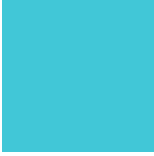
This preview shows how white text looks on a background with the Hex color 3DC8D1.

# 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**  
41C7D7

# Trichromacy



**Original Color**  
3DC8D1



**Protanomaly**  
89BBC9



**Deuteranomaly**  
8AB9D4



**Tritanomaly**  
40C7D5

# Monochromacy



**Original Color**  
3DC8D1



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
7BAEB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DC8D1 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 #3DC8D1 looks like.

```
.text, #text, p{  
    color:#3DC8D1  
}
```

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 #3DC8D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC8D1
}
```

## Border

The CSS property to change the border of an element to Hex 3DC8D1 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
#3DC8D1 }
```

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

```
.border{ border-color:#3DC8D1 }
```

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

Here you see how a box with a 4 pixel #3DC8D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC8D1; -webkit-box-shadow:4px 4px  
4px 4px #3DC8D1; box-shadow:4px 4px 4px  
4px #3DC8D1 }
```

# Background

The CSS property to change the background color of an element to Hex 3DC8D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC8D1 }
```

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

```
.background{ background-color:#3DC8D1 }
```

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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