

Converting Colors

Hex(39DDB4)

Have a look what the booklet for
Hex(39DDB4) contains.

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Color

Hex(39DDB4)

Conversions

Conversions Part 1

Format	Color
Hex	39DDB4
RGB	57, 221, 180
RGB Percent	22%, 87%, 71%
CMY	0.7765, 0.1333, 0.2941
CMYK	0.74, 0.00, 0.19, 0.13
HSL	165°, 71%, 55%
HSV	165°, 74%, 87%
XYZ	35.7820, 55.8780, 52.0797
YIQ	167.2900, -84.5830, -47.5190

Conversions

Conversions Part 2

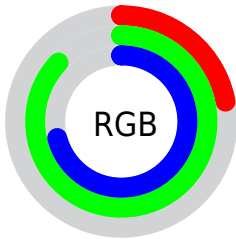
Format	Color
RYB	57, 151, 221
Decimal	3792308
CIELab	79.54, -50.80, 8.32
CIELCh	80, 51.474, 170.697
Yxy	55.8780, 0.2489, 0.3887
Android (android.graphics.Color)	4281982388 (0xFF39DDB4)
YUV	167.2900, 6.2660, -96.7243
Hunter-Lab	74.7516, -45.3712, 11.0186

Details

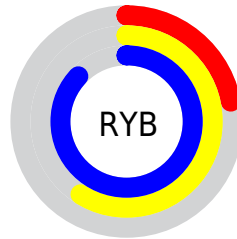
The Hex color **39DDB4** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DD3962**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7FFFEC**, and **00A57F** is the 20% darker color. If you saturate the color by 10%, you get **23DDAE**, and if you desaturate by 10%, it is **4FDDBA**.

Distribution



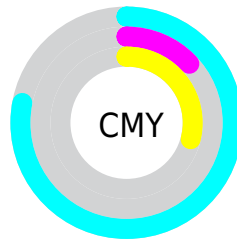
- Red (22%)
- Green (87%)
- Blue (71%)



- Red (22%)
- Yellow (59%)
- Blue (87%)



- Cyan (74%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (78%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39DDB4 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 39DDB4 by changing the saturation by 10% instead.

 39DDB4

 39DDB4

FFFFFF

 00C199

 7FFFE0

 00A57F

 9FFFFFF

 008A66

 BFFFFFF

 006F4E

 DCFFFF

 005637

 FBFFFF

 003D22

 00270C

 000000

 39DDB4

 39DDB4

■ 23DDAE

■ 4FDDBA

■ 0DDDA9

■ 65DDBF

■ 00DDA6

■ 7BDDC5

■ 91DDCA

■ A8DDDO

■ BEDDD5

■ D4DDDB

■ EADDE0

■ FFDDE6

Harmonies

Analogous

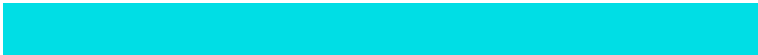
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AD786



39DDB4



00DEE5

Triad

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



39DDB4



B2BEFF



FFAC7D

Complementary

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



39DDB4



DD3962

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.



FF9FA6



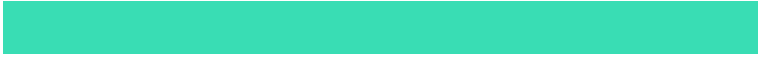
39DDB4



F2ACFF

Square

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



39DDB4



50CFFF



FF9FD6



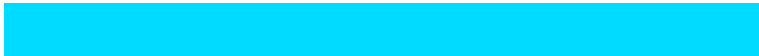
F0BD65

Rectangle

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



39DDB4



00DBFF



FF9FD6



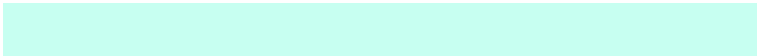
FFA789

Sweetspot

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



39DDB4



C7FFF1



62DD39



5E8077



000000



808080

Same Dimension

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



39DDB4



1CFFC6



39B4DD



636E6B



00AD82



002E22

Inverse Universe

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



DD3962



FF1C55



DD6239



6E6365



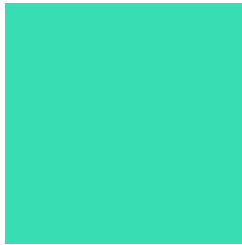
AD002B



2E000B

Previews

White Background



This preview shows how the Hex color 39DDB4 looks on a white background.

Color Contrast Check

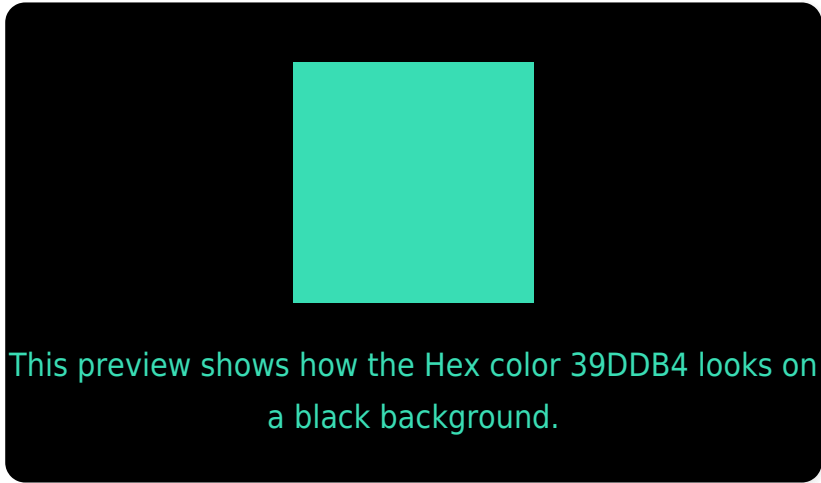
Large Text (above 18pt) WCAG AA × Fail

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

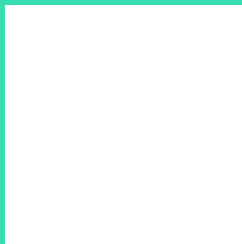
Any Text WCAG AAA ✓ Pass

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

Hex 39DDB4 Background



This preview shows how black text looks on a background with the Hex color 39DDB4.

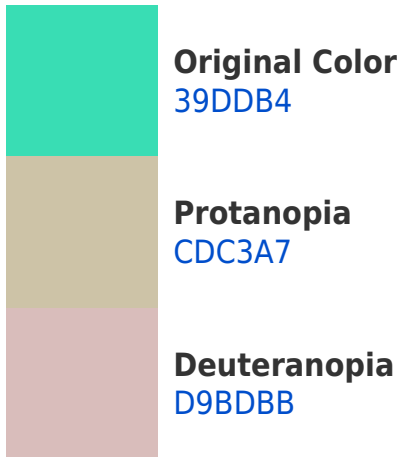


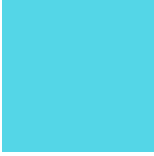
This preview shows how white text looks on a background with the Hex color 39DDB4.

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
54D6E7

Trichromacy



Original Color
39DDB4



Protanomaly
97CCAC



Deuteranomaly
9FC9B8



Tritanomaly
4AD9D4

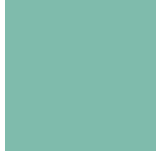
Monochromacy



Original Color
39DDB4



Achromatopsia
A7A7A7



Achromatomaly
7FBBAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 39DDB4 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 #39DDB4 looks like.

```
.text, #text, p{  
    color:#39DDB4  
}
```

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 #39DDB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39DDB4
}
```

Border

The CSS property to change the border of an element to Hex 39DDB4 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
#39DDB4 }
```

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

```
.border{ border-color:#39DDB4 }
```

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

Here you see how a box with a 4 pixel #39DDB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39DDB4; -webkit-box-shadow:4px 4px  
4px 4px #39DDB4; box-shadow:4px 4px 4px  
4px #39DDB4 }
```

Background

The CSS property to change the background color of an element to Hex 39DDB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39DDB4 }
```

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

```
.background{ background-color:#39DDB4 }
```

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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