

Converting Colors

Hex(39D096)

Have a look what the booklet for
Hex(39D096) contains.

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Color

Hex(39D096)

Conversions

Conversions Part 1

Format	Color
Hex	39D096
RGB	57, 208, 150
RGB Percent	22%, 82%, 59%
CMY	0.7765, 0.1843, 0.4118
CMYK	0.73, 0.00, 0.28, 0.18
HSL	157°, 62%, 52%
HSV	157°, 73%, 82%
XYZ	29.7482, 48.1836, 36.5866
YIQ	156.2390, -71.3780, -50.0500

Conversions

Conversions Part 2

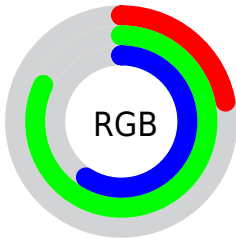
Format	Color
RYB	57, 150, 208
Decimal	3788950
CIELab	74.94, -52.51, 17.75
CIELCh	75, 55.427, 161.322
Yxy	48.1836, 0.2598, 0.4207
Android (android.graphics.Color)	4281979030 (0xFF39D096)
YUV	156.2390, -3.0758, -87.0326
Hunter-Lab	69.4144, -44.9773, 17.3398

Details

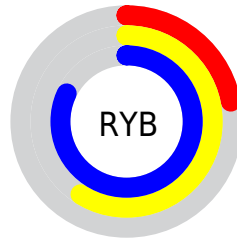
The Hex color **39D096** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D03973**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7CFFCC**, and **009863** is the 20% darker color. If you saturate the color by 10%, you get **24D08E**, and if you desaturate by 10%, it is **4ED09E**.

Distribution



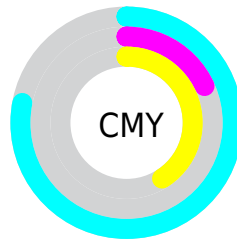
- Red (22%)
- Green (82%)
- Blue (59%)



- Red (22%)
- Yellow (59%)
- Blue (82%)



- Cyan (73%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (78%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39D096 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 39D096 by changing the saturation by 10% instead.

 39D096

 39D096

FFFFFF

 00B47C

 7CFFCC

 009863

 9AFFE9

 007E4B

 B9FFFF

 006434

 D7FFFF

 004A1E

 F6FFFF

 003307

 001A00

 000000

 39D096

 39D096

■ 24D08E

■ 4ED09E

■ 0FD086

■ 63D0A6

■ 00D080

■ 77D0AE

■ 8CD0B6

■ A1D0BE

■ B6D0C6

■ CBD0CE

■ DFD0D6

■ F4D0DE

Harmonies

Analogous

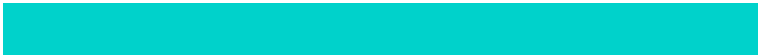
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CC969



39D096



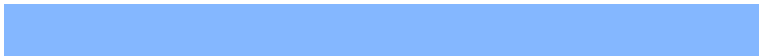
00D2CB

Triad

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



39D096



84B7FF



FF9877

Complementary

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



39D096



D03973

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.



FF8DA7



39D096



D6A3FF

Square

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



39D096



00C7FF



FF92DA



F1AA56

Rectangle

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



39D096



00D1EC



FF92DA



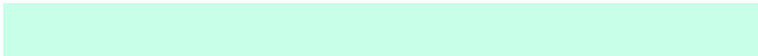
FF9386

Sweetspot

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



39D096



C7FFE9



75D039



5E8073



000000



808080

Same Dimension

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



39D096



21FFAA



39C1D0



5E6965



00A868



002919

Inverse Universe

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



D03973



FF2176



D04839



695E62



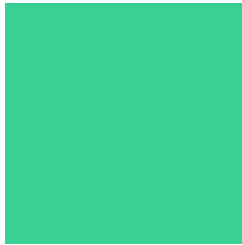
A80041



290010

Previews

White Background



This preview shows how the Hex color 39D096 looks on a white background.

Color Contrast Check

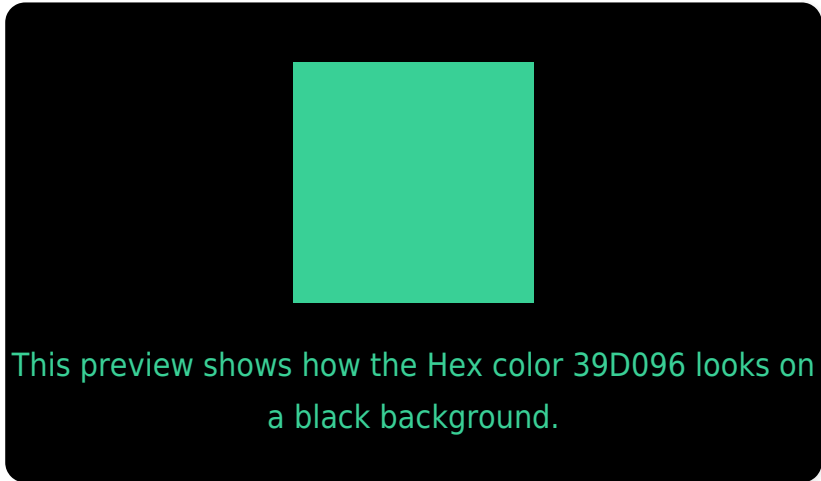
Large Text (above 18pt) WCAG AA × Fail

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

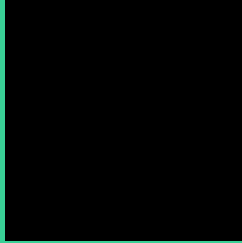
Any Text WCAG AA ✓ Pass

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 39D096 Background



This preview shows how black text looks on a background with the Hex color 39D096.

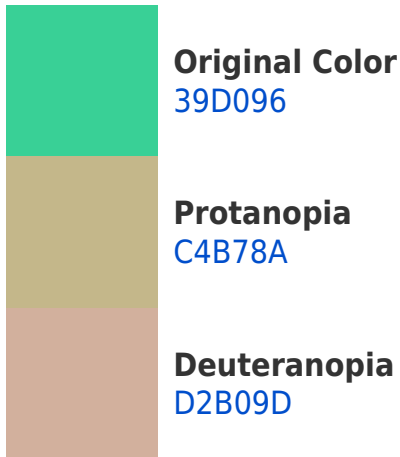


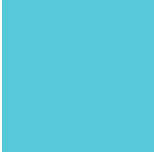
This preview shows how white text looks on a background with the Hex color 39D096.

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
57C8D8

Trichromacy



Original Color
39D096



Protanomaly
91C08E



Deuteranomaly
9ABC9A



Tritanomaly
4CCBC0

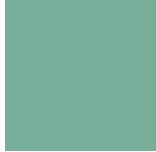
Monochromacy



Original Color
39D096



Achromatopsia
9C9C9C



Achromatomaly
78AF9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 39D096 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 #39D096 looks like.

```
.text, #text, p{  
    color:#39D096  
}
```

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 #39D096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39D096
}
```

Border

The CSS property to change the border of an element to Hex 39D096 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
#39D096 }
```

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

```
.border{ border-color:#39D096 }
```

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

Here you see how a box with a 4 pixel #39D096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39D096; -webkit-box-shadow:4px 4px  
4px 4px #39D096; box-shadow:4px 4px 4px  
4px #39D096 }
```

Background

The CSS property to change the background color of an element to Hex 39D096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39D096 }
```

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

```
.background{ background-color:#39D096 }
```

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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