

Converting Colors

Hex(39CDC2)

Have a look what the booklet for
Hex(39CDC2) contains.

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Color

Hex(39CDC2)

Conversions

Conversions Part 1

Format	Color
Hex	39CDC2
RGB	57, 205, 194
RGB Percent	22%, 80%, 76%
CMY	0.7765, 0.1961, 0.2392
CMYK	0.72, 0.00, 0.05, 0.20
HSL	176°, 60%, 51%
HSV	176°, 72%, 80%
XYZ	33.2563, 48.4275, 58.6336
YIQ	159.4940, -84.6770, -34.7970

Conversions

Conversions Part 2

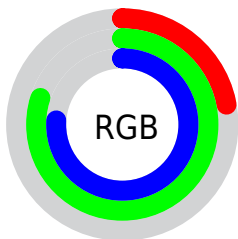
Format	Color
RYB	57, 134, 205
Decimal	3788226
CIELab	75.09, -40.32, -5.66
CIELCh	75, 40.711, 187.986
Yxy	48.4275, 0.2370, 0.3451
Android (android.graphics.Color)	4281978306 (0xFF39CDC2)
YUV	159.4940, 17.0115, -89.8872
Hunter-Lab	69.5899, -36.4791, -1.2424

Details

The Hex color **39CDC2** 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 **CD3944**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7EFFFFA**, and **00968D** is the 20% darker color. If you saturate the color by 10%, you get **24CDC0**, and if you desaturate by 10%, it is **4DCDC4**.

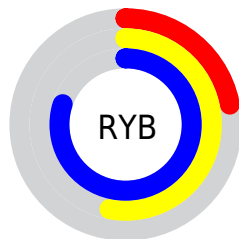
Distribution



Red (22%)

Green (80%)

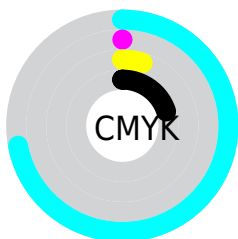
Blue (76%)



Red (22%)

Yellow (53%)

Blue (80%)

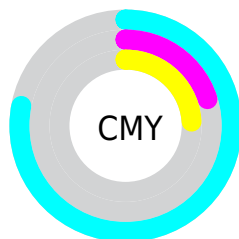


Cyan (72%)

Magenta (0%)

Yellow (5%)

Black (20%)



Cyan (78%)

Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39CDC2 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 39CDC2 by changing the saturation by 10% instead.



39CDC2



39CDC2

FFFFFF



00B1A7



7EFFFF



00968D



9DFFFF



007C73



BBFFFF



00625B



DAFFFF



004943



F8FFFF



00322D



001B19



000000



39CDC2



39CDC2

■ 24CDC0

■ 4DCDC4

■ 10CDBF

■ 62CDC5

■ 00CDBE

■ 76CDC7

■ 8BCDC8

■ A0CDCA

■ B4CDCB

■ C9CDCD

■ DDCDCE

■ F2CDD0

Harmonies

Analogous

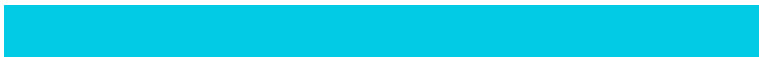
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71CB9C



39CDC2



02CBE6

Triad

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



39CDC2



CAABF4



E9AD74

Complementary

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



39CDC2



CD3944

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.



FEA18D



39CDC2



F0A0D6

Square

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



39CDC2



93B9FF



FF9BB0



C8BA6E

Rectangle

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



39CDC2



36C7F7



FF9BB0



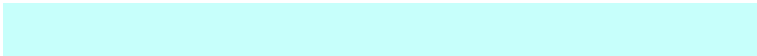
F1A97A

Sweetspot

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



39CDC2



C7FFFB



45CD39



5E807D



000000



808080

Same Dimension

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



39CDC2



21FFEF



398FCD



5C6665



00A699



002623

Inverse Universe

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



CD3944



FF2132



CD7739



665C5D



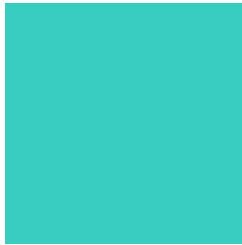
A6000C



260003

Previews

White Background



This preview shows how the Hex color 39CDC2 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 39CDC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

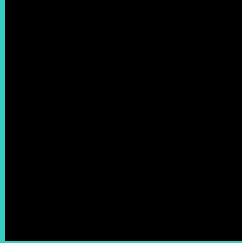
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

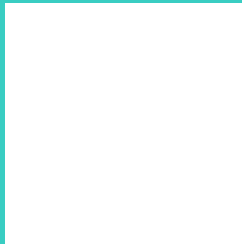
Any Text WCAG AAA ✓ Pass

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

Hex 39CDC2 Background



This preview shows how black text looks on a background with the Hex color 39CDC2.



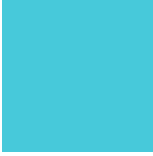
This preview shows how white text looks on a background with the Hex color 39CDC2.

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
47C9DA

Trichromacy



Original Color
39CDC2



Protanomaly
8CBFBA



Deuteranomaly
90BCC6



Tritanomaly
42CAD1

Monochromacy



Original Color
39CDC2



Achromatopsia
9F9F9F



Achromatomaly
7AB0AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 39CDC2 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 #39CDC2 looks like.

```
.text, #text, p{  
    color:#39CDC2  
}
```

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 #39CDC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39CDC2
}
```

Border

The CSS property to change the border of an element to Hex 39CDC2 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
#39CDC2 }
```

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

```
.border{ border-color:#39CDC2 }
```

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

Here you see how a box with a 4 pixel #39CDC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39CDC2; -webkit-box-shadow:4px 4px  
4px 4px #39CDC2; box-shadow:4px 4px 4px  
4px #39CDC2 }
```

Background

The CSS property to change the background color of an element to Hex 39CDC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39CDC2 }
```

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

```
.background{ background-color:#39CDC2 }
```

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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