

Converting Colors

Hex(39A3D0)

Have a look what the booklet for
Hex(39A3D0) contains.

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Color

Hex(39A3D0)

Conversions

Conversions Part 1

Format	Color
Hex	39A3D0
RGB	57, 163, 208
RGB Percent	22%, 64%, 82%
CMY	0.7765, 0.3608, 0.1843
CMYK	0.73, 0.22, 0.00, 0.18
HSL	198°, 62%, 52%
HSV	198°, 73%, 82%
XYZ	26.1697, 31.6183, 64.3982
YIQ	136.4360, -77.6210, -8.4770

Conversions

Conversions Part 2

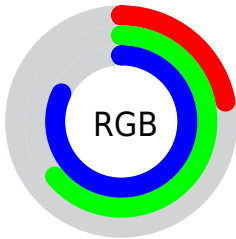
Format	Color
RYB	57, 119, 208
Decimal	3777488
CIELab	63.03, -15.35, -31.63
CIElCh	63, 35.157, 244.111
Yxy	31.6183, 0.2142, 0.2588
Android (android.graphics.Color)	4281967568 (0xFF39A3D0)
YUV	136.4360, 35.2811, -69.6654
Hunter-Lab	56.2302, -15.3283, -28.5414

Details

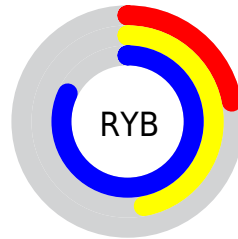
The Hex color **39A3D0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D06639**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7BDAFF**, and **006F99** is the 20% darker color. If you saturate the color by 10%, you get **249DD0**, and if you desaturate by 10%, it is **4EA9D0**.

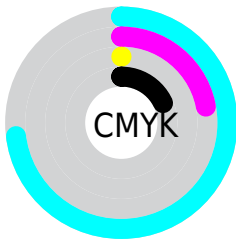
Distribution



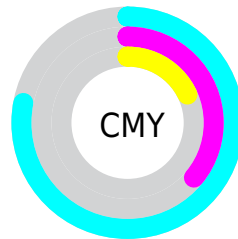
- Red (22%)
- Green (64%)
- Blue (82%)



- Red (22%)
- Yellow (47%)
- Blue (82%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (78%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39A3D0 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 39A3D0 by changing the saturation by 10% instead.

■ 39A3D0

■ 39A3D0

FFFFFF

■ 0089B4

■ 7BDAFF

■ 006F99

■ 99F6FF

■ 00577F

■ B7FFFF

■ 004066

■ D5FFFF

■ 002A4E

■ F4FFFF

■ 001637

■ 000221

■ 000006

■ 000000

■ 39A3D0

■ 39A3D0

■ 249DD0

■ 4EA9D0

■ 0F97D0

■ 63AFD0

■ 0092D0

■ 77B6D0

■ 8CBCD0

■ A1C2D0

■ B6C8D0

■ CBCED0

■ DFD5D0

■ F4DBD0

Harmonies

Analogous

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



05A8BB



39A3D0



729AD6

Triad

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



39A3D0



D48095



88A164

Complementary

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



39A3D0



D06639

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.



A99859



39A3D0



D38477

Square

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



39A3D0



C385B4



C38D61



62A77C

Rectangle

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



39A3D0



9393D1



C38D61



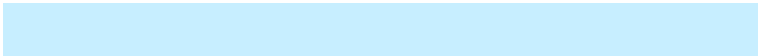
939E5E

Sweetspot

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



39A3D0



C7EEFF



39D064



5E7680



000000



808080

Same Dimension

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



39A3D0



21BDFF



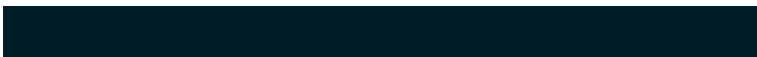
395AD0



5E6569



0076A8



001D29

Inverse Universe

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



D039A3



FF21BD



D0AF39



695E65



A80076



29001D

Previews

White Background



This preview shows how the Hex color 39A3D0 looks on a white background.

Color Contrast Check

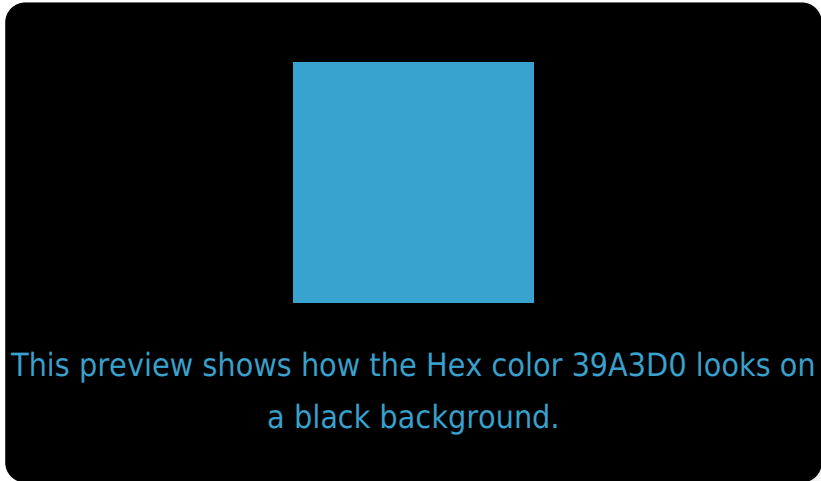
Large Text (above 18pt) WCAG AA × Fail

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 39A3D0 Background



This preview shows how black text looks on a background with the Hex color 39A3D0.

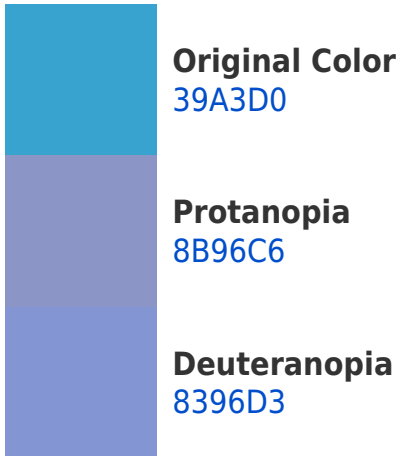


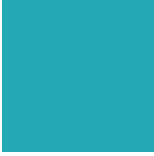
This preview shows how white text looks on a background with the Hex color 39A3D0.

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](#).

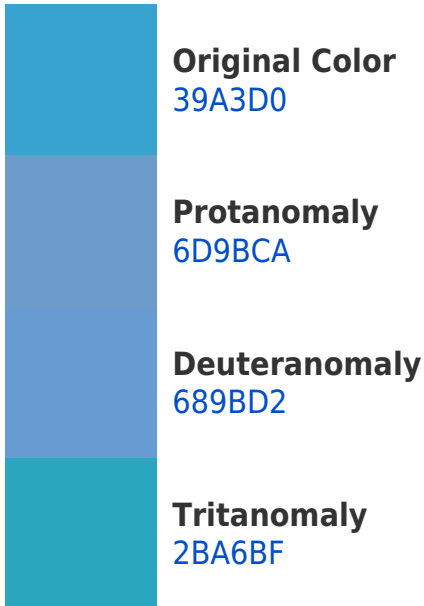
Dichromacy



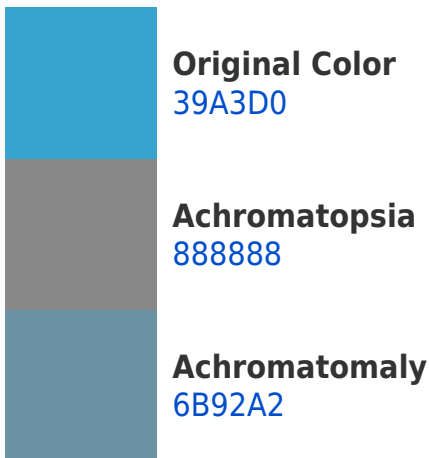


Tritanopia
23A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39A3D0 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 #39A3D0 looks like.

```
.text, #text, p{  
    color:#39A3D0  
}
```

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 #39A3D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A3D0
}
```

Border

The CSS property to change the border of an element to Hex 39A3D0 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
#39A3D0 }
```

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

```
.border{ border-color:#39A3D0 }
```

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

Here you see how a box with a 4 pixel #39A3D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A3D0; -webkit-box-shadow:4px 4px  
4px 4px #39A3D0; box-shadow:4px 4px 4px  
4px #39A3D0 }
```

Background

The CSS property to change the background color of an element to Hex 39A3D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A3D0 }
```

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

```
.background{ background-color:#39A3D0 }
```

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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