

Converting Colors

Hex(39B4E3)

Have a look what the booklet for
Hex(39B4E3) contains.

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Color

Hex(39B4E3)

Conversions

Conversions Part 1

Format	Color
Hex	39B4E3
RGB	57, 180, 227
RGB Percent	22%, 71%, 89%
CMY	0.7765, 0.2941, 0.1098
CMYK	0.75, 0.21, 0.00, 0.11
HSL	197°, 75%, 56%
HSV	197°, 75%, 89%
XYZ	31.8737, 39.0584, 78.5322
YIQ	148.5810, -88.3950, -11.4590

Conversions

Conversions Part 2

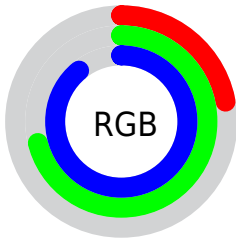
Format	Color
R _{YB}	57, 128, 227
Decimal	3781859
CIE Lab	68.79, -18.11, -33.16
CIE LCh	69, 37.788, 241.360
Yxy	39.0584, 0.2133, 0.2613
Android (android.graphics.Color)	4281971939 (0xFF39B4E3)
YUV	148.5810, 38.6606, -80.3165
Hunter-Lab	62.4967, -18.3332, -30.7549

Details

The Hex color **39B4E3** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E36839**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7FECFF**, and **007FAB** is the 20% darker color. If you saturate the color by 10%, you get **22AEE3**, and if you desaturate by 10%, it is **50BAE3**.

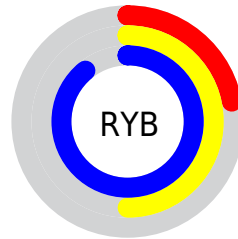
Distribution



Red (22%)

Green (71%)

Blue (89%)



Red (22%)

Yellow (50%)

Blue (89%)

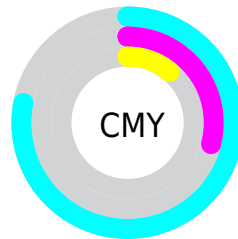


Cyan (75%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (78%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39B4E3 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 39B4E3 by changing the saturation by 10% instead.

 39B4E3

 39B4E3


FFFFFF

 0099C7


 7FECFF

 007FAB

 9EFFFF

 006691

 BDFFFF

 004E77

 DBFFFF

 00375E

 FAFFFF

 002246

 000430

 00011A

 000000

■ 39B4E3

■ 39B4E3

■ 22AEE3

■ 50BAE3

■ 0CA7E3

■ 66C1E3

■ 00A4E3

■ 7DC7E3

■ 94CDE3

■ ABD3E3

■ C1DAE3

■ D8E0E3

■ EFE6E3

■ FFECE3

Harmonies

Analogous

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



05B9CA



39B4E3



78ABEC

Triad

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



39B4E3



E88DA8



99B06C

Complementary

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



39B4E3



E36839

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.



BDA663



39B4E3



E99086

Square

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



39B4E3



D493C9



D99A6D



70B786

Rectangle

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



39B4E3



9DA3E7



D99A6D



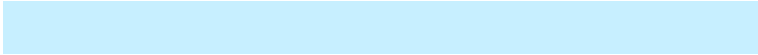
A6AD67

Sweetspot

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



39B4E3



C7EFFF



39E366



5E7680



000000



808080

Same Dimension

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



39B4E3



19C0FF



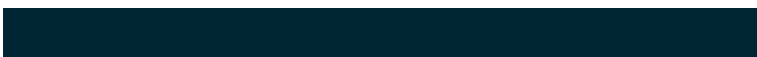
3961E3



677073



0081B3



002533

Inverse Universe

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



E339B4



FF19C0



E3BB39



736770



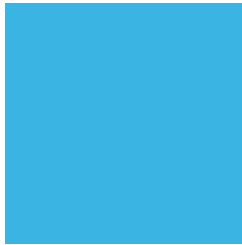
B30081



330025

Previews

White Background



This preview shows how the Hex color 39B4E3 looks on a white background.

Color Contrast Check

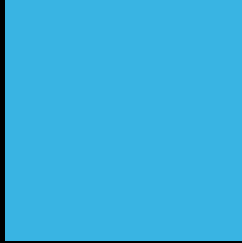
Large Text (above 18pt) WCAG AA × Fail

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 39B4E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

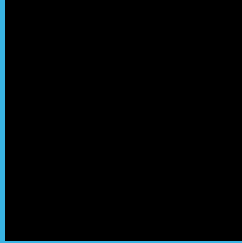
Any Text WCAG AA ✓ Pass

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 39B4E3 Background



This preview shows how black text looks on a background with the Hex color 39B4E3.

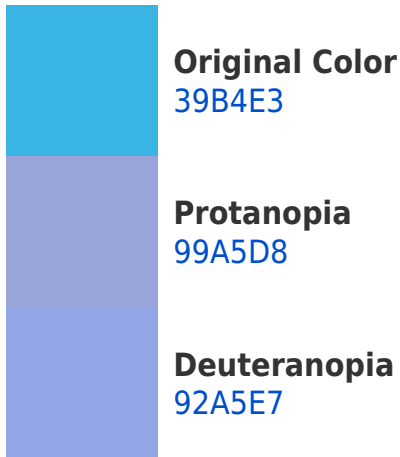


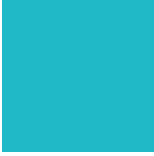
This preview shows how white text looks on a background with the Hex color 39B4E3.

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](#).

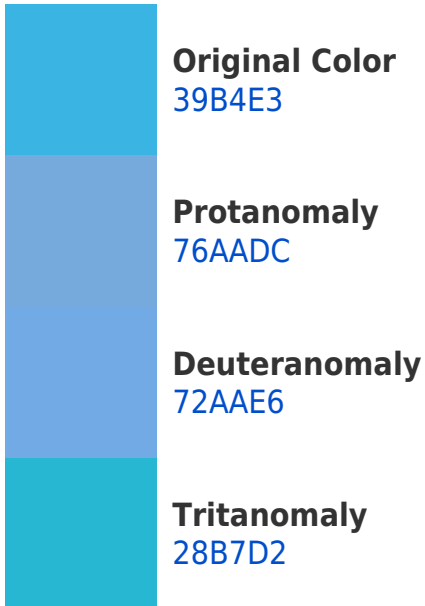
Dichromacy



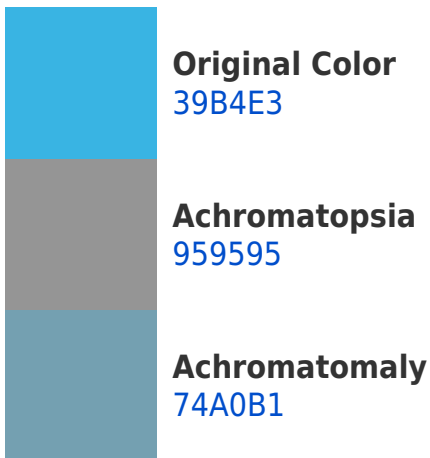


Tritanopia
1FB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39B4E3 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 #39B4E3 looks like.

```
.text, #text, p{  
    color:#39B4E3  
}
```

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 #39B4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39B4E3
}
```

Border

The CSS property to change the border of an element to Hex 39B4E3 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
#39B4E3 }
```

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

```
.border{ border-color:#39B4E3 }
```

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

Here you see how a box with a 4 pixel #39B4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39B4E3; -webkit-box-shadow:4px 4px  
4px 4px #39B4E3; box-shadow:4px 4px 4px  
4px #39B4E3 }
```

Background

The CSS property to change the background color of an element to Hex 39B4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39B4E3 }
```

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

```
.background{ background-color:#39B4E3 }
```

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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