

Converting Colors

Hex(3C9ED8)

Have a look what the booklet for
Hex(3C9ED8) contains.

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Color

Hex(3C9ED8)

Conversions

Conversions Part 1

Format	Color
Hex	3C9ED8
RGB	60, 158, 216
RGB Percent	24%, 62%, 85%
CMY	0.7647, 0.3804, 0.1529
CMYK	0.72, 0.27, 0.00, 0.15
HSL	202°, 67%, 54%
HSV	202°, 72%, 85%
XYZ	26.4850, 30.3722, 69.4323
YIQ	135.3100, -77.0260, -2.7380

Conversions

Conversions Part 2

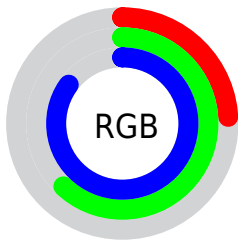
Format	Color
RYB	60, 120, 216
Decimal	3972824
CIELab	61.97, -9.51, -37.71
CIELCh	62, 38.890, 255.839
Yxy	30.3722, 0.2097, 0.2405
Android (android.graphics.Color)	4282162904 (0xFF3C9ED8)
YUV	135.3100, 39.7802, -66.0469
Hunter-Lab	55.1110, -10.6616, -36.1195

Details

The Hex color **3C9ED8** 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 **D8763C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7ED4FF**, and **006BA1** is the 20% darker color. If you saturate the color by 10%, you get **2696D8**, and if you desaturate by 10%, it is **52A6D8**.

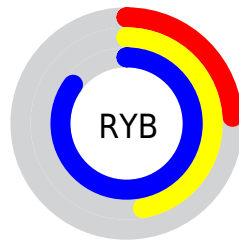
Distribution



Red (24%)

Green (62%)

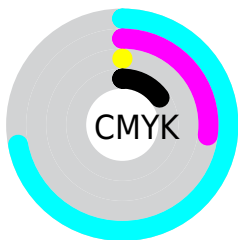
Blue (85%)



Red (24%)

Yellow (47%)

Blue (85%)

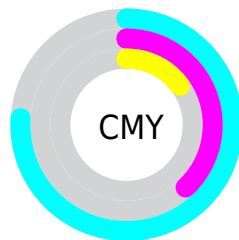


Cyan (72%)

Magenta (27%)

Yellow (0%)

Black (15%)



Cyan (76%)

Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9ED8 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 3C9ED8 by changing the saturation by 10% instead.

■ 3C9ED8

■ 3C9ED8

FFFFFF

■ 0084BC

■ 7ED4FF

■ 006BA1

■ 9CF1FF

■ 005386

■ BAFFFF

■ 003C6D

■ D9FFFF

■ 002654

■ F7FFFF

■ 00123D

■ 000326

■ 00010F

■ 000000

■ 3C9ED8

■ 3C9ED8

■ 2696D8

■ 52A6D8

■ 118ED8

■ 67AED8

■ 0088D8

■ 7DB6D8

■ 92BED8

■ A8C6D8

■ BECED8

■ D3D6D8

■ E9DED8

■ FEE6D8

Harmonies

Analogous

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



00A5C6



3C9ED8



8093D8

Triad

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



3C9ED8



D87B85



73A264

Complementary

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



3C9ED8



D8763C

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.



999A52



3C9ED8



D08266

Square

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



3C9ED8



CE7CA8



BA8E53



43A784

Rectangle

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



3C9ED8



A28ACE



BA8E53



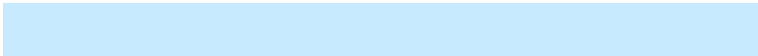
80A05C

Sweetspot

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



3C9ED8



C7EAFF



3CD875



5E7380



000000



808080

Same Dimension

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



3C9ED8



21ADFF



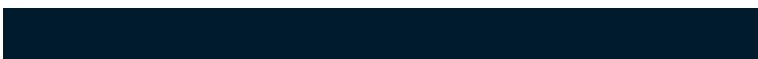
3C51D8



60676B



006BAB



001B2B

Inverse Universe

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



D83C9E



FF21AD



D8C33C



6B6067



AB006B



2B001B

Previews

White Background



This preview shows how the Hex color 3C9ED8 looks on a white background.

Color Contrast Check

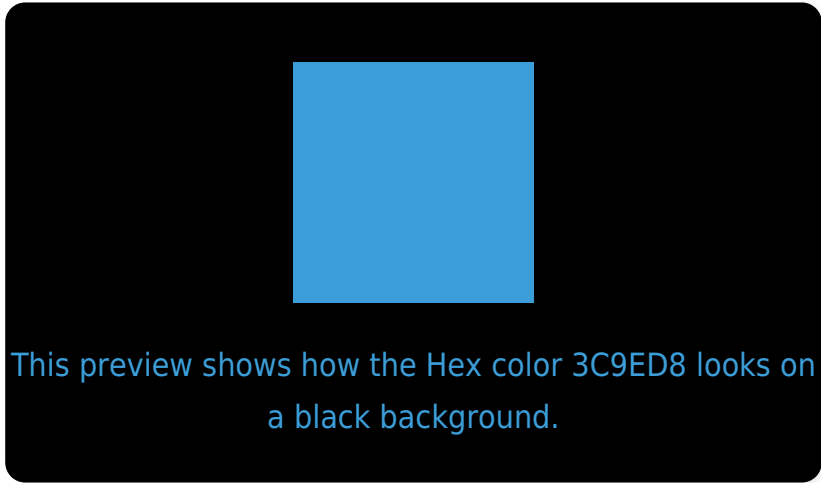
Large Text (above 18pt) WCAG AA × Fail

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

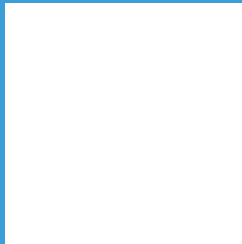
Any Text WCAG AAA ✓ Pass

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

Hex 3C9ED8 Background



This preview shows how black text looks on a background with the Hex color 3C9ED8.

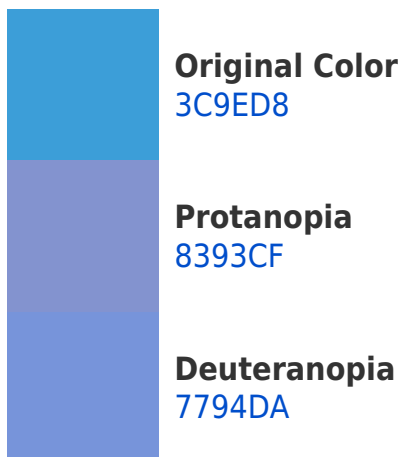


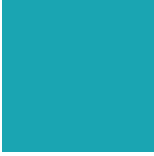
This preview shows how white text looks on a background with the Hex color 3C9ED8.

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](#).

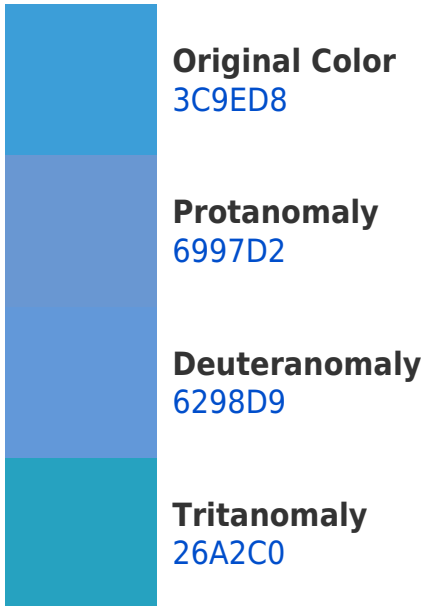
Dichromacy



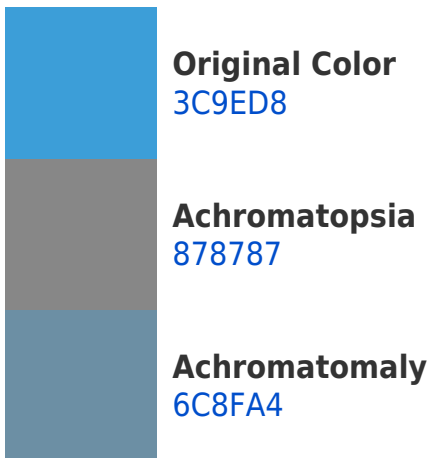


Tritanopia
1AA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9ED8 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 #3C9ED8 looks like.

```
.text, #text, p{  
    color:#3C9ED8  
}
```

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 #3C9ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9ED8
}
```

Border

The CSS property to change the border of an element to Hex 3C9ED8 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
#3C9ED8 }
```

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

```
.border{ border-color:#3C9ED8 }
```

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

Here you see how a box with a 4 pixel #3C9ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9ED8; -webkit-box-shadow:4px 4px  
4px 4px #3C9ED8; box-shadow:4px 4px 4px  
4px #3C9ED8 }
```

Background

The CSS property to change the background color of an element to Hex 3C9ED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9ED8 }
```

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

```
.background{ background-color:#3C9ED8 }
```

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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