

Converting Colors

Hex(3C9EC8)

Have a look what the booklet for
Hex(3C9EC8) contains.

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Color

Hex(3C9EC8)

Conversions

Conversions Part 1

Format	Color
Hex	3C9EC8
RGB	60, 158, 200
RGB Percent	24%, 62%, 78%
CMY	0.7647, 0.3804, 0.2157
CMYK	0.70, 0.21, 0.00, 0.22
HSL	198°, 56%, 51%
HSV	198°, 70%, 78%
XYZ	24.5157, 29.5845, 59.0619
YIQ	133.4860, -71.8900, -7.7140

Conversions

Conversions Part 2

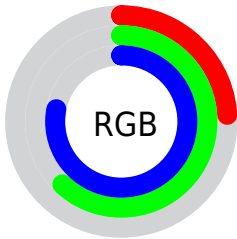
Format	Color
RYB	60, 118, 200
Decimal	3972808
CIELab	61.29, -14.89, -29.84
CIElCh	61, 33.351, 243.488
Yxy	29.5845, 0.2166, 0.2614
Android (android.graphics.Color)	4282162888 (0xFF3C9EC8)
YUV	133.4860, 32.7914, -64.4472
Hunter-Lab	54.3916, -14.7310, -26.3066

Details

The Hex color **3C9EC8** 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 **C8663C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7CD5FF**, and **006B92** is the 20% darker color. If you saturate the color by 10%, you get **2898C8**, and if you desaturate by 10%, it is **50A4C8**.

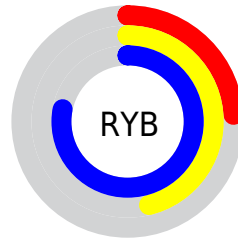
Distribution



Red (24%)

Green (62%)

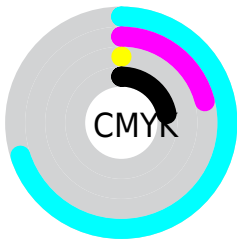
Blue (78%)



Red (24%)

Yellow (46%)

Blue (78%)

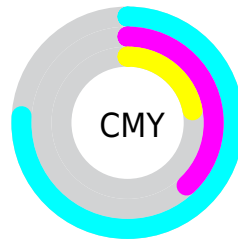


Cyan (70%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (76%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9EC8 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 3C9EC8 by changing the saturation by 10% instead.



3C9EC8



3C9EC8

FFFFFF



0984AD



7CD5FF



006B92



99F1FF



005278



B7FFFF



003B5F



D5FFFF



002647



F3FFFF



000D31



00011B



000000



3C9EC8



3C9EC8

■ 2898C8

■ 50A4C8

■ 1492C8

■ 64AAC8

■ 008CC8

■ 78B0C8

■ 8CB6C8

■ A0BCC8

■ B4C2C8

■ C8C8C8

■ DCCEC8

■ F0D4C8

Harmonies

Analogous

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



19A3B4



3C9EC8



6F96CE

Triad

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



3C9EC8



CC7D92



859C62

Complementary

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



3C9EC8



C8663C

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.



A49359



3C9EC8



CC8075

Square

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



3C9EC8



BC81AF



BD8960



61A179

Rectangle

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



3C9EC8



8E8FCA



BD8960



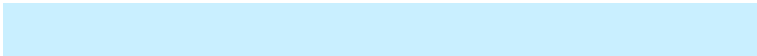
90995D

Sweetspot

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



3C9EC8



C9EFFF



3CC866



607680



000000



808080

Same Dimension

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



3C9EC8



29BFFF



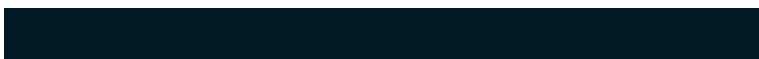
3C58C8



5A6063



0072A3



001924

Inverse Universe

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



C83C9E



FF29BF



C8AC3C



635A60



A30072



240019

Previews

White Background



This preview shows how the Hex color 3C9EC8 looks on a white background.

Color Contrast Check

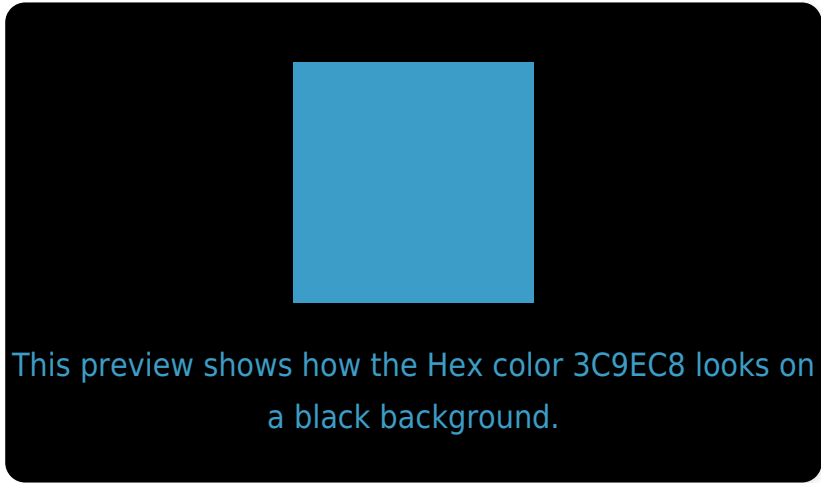
Large Text (above 18pt) WCAG AA ✓ Pass

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

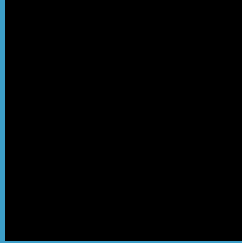
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3C9EC8 Background



This preview shows how black text looks on a background with the Hex color 3C9EC8.



This preview shows how white text looks on a background with the Hex color 3C9EC8.

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](#).

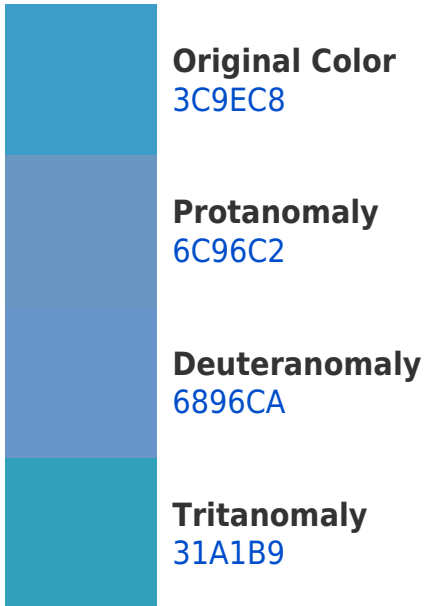
Dichromacy





Tritanopia
2BA2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9EC8 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 #3C9EC8 looks like.

```
.text, #text, p{  
    color:#3C9EC8  
}
```

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 #3C9EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9EC8  
}
```

Border

The CSS property to change the border of an element to Hex 3C9EC8 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  
#3C9EC8 }
```

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

```
.border{ border-color:#3C9EC8 }
```

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

Here you see how a box with a 4 pixel #3C9EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9EC8; -webkit-box-shadow:4px 4px  
4px 4px #3C9EC8; box-shadow:4px 4px 4px  
4px #3C9EC8 }
```

Background

The CSS property to change the background color of an element to Hex 3C9EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9EC8 }
```

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

```
.background{ background-color:#3C9EC8 }
```

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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