

Converting Colors

Hex(3C9EBD)

Have a look what the booklet for
Hex(3C9EBD) contains.

Hex(3C9EBD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C9EBD)

Conversions

Conversions Part 1

Format	Color
Hex	3C9EBD
RGB	60, 158, 189
RGB Percent	24%, 62%, 74%
CMY	0.7647, 0.3804, 0.2588
CMYK	0.68, 0.16, 0.00, 0.26
HSL	194°, 52%, 49%
HSV	194°, 68%, 74%
XYZ	23.2756, 29.0885, 52.5320
YIQ	132.2320, -68.3590, -11.1350

Conversions

Conversions Part 2

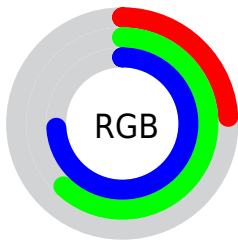
Format	Color
RYB	60, 116, 189
Decimal	3972797
CIELab	60.86, -18.47, -24.35
CIElCh	61, 30.561, 232.808
Yxy	29.0885, 0.2219, 0.2773
Android (android.graphics.Color)	4282162877 (0xFF3C9EBD)
YUV	132.2320, 27.9866, -63.3475
Hunter-Lab	53.9338, -17.3506, -19.9954

Details

The Hex color **3C9EBD** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BD5B3C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7AD5F5**, and **006A88** is the 20% darker color. If you saturate the color by 10%, you get **2999BD**, and if you desaturate by 10%, it is **4FA3BD**.

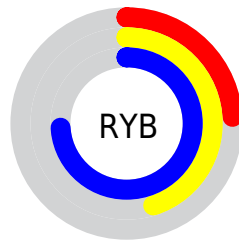
Distribution



Red (24%)

Green (62%)

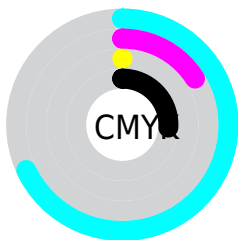
Blue (74%)



Red (24%)

Yellow (45%)

Blue (74%)

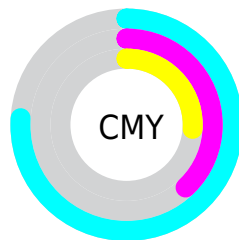


Cyan (68%)

Magenta (16%)

Yellow (0%)

Black (26%)



Cyan (76%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9EBD 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 3C9EBD by changing the saturation by 10% instead.

■ 3C9EBD

■ 3C9EBD

FFFFFF

■ 0E84A2

■ 7AD5F5

■ 006A88

■ 98F1FF

■ 00526E

■ B5FFFF

■ 003B56

■ D3FFFF

■ 00253E

■ F1FFFF

■ 000929

■ 000113

■ 000000

■ 3C9EBD

■ 3C9EBD

■ 2999BD

■ 4FA3BD

■ 1695BD

■ 62A7BD

■ 0390BD

■ 75ACBD

■ 0090BD

■ 88B0BD

■ 9BB5BD

■ ADB9BD

■ C0BEBD

■ D3C2BD

■ E6C7BD

Harmonies

Analogous

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



34A1A7



3C9EBD



6397C8

Triad

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



3C9EBD



C37F9A



909860

Complementary

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



3C9EBD



BD5B3C

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.



AB8F5D



3C9EBD



C87F7F

Square

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



3C9EBD



AF85B4



BF8669



719E71

Rectangle

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



3C9EBD



8091C7



BF8669



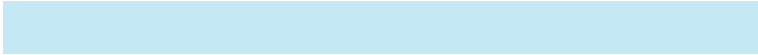
9A955E

Sweetspot

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



3C9EBD



C4E9F5



3CBD5A



5D737A



FAFAFA



7A7A7A

Same Dimension

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



3C9EBD



2CC5F5



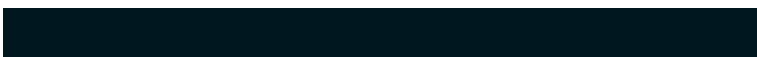
3C5EBD



555C5E



00789E



00171F

Inverse Universe

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



BD3C9E



F52CC5



BD9B3C



5E555C



9E0078



1F0017

Previews

White Background



This preview shows how the Hex color 3C9EBD looks on a white background.

Color Contrast Check

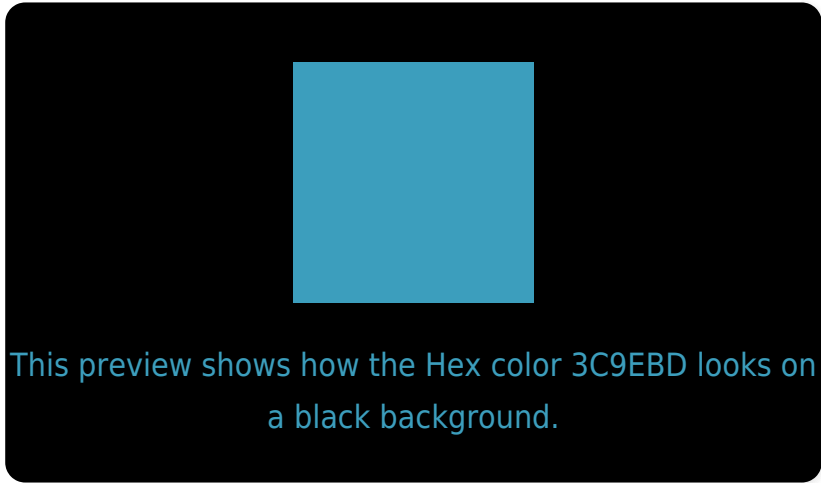
Large Text (above 18pt) WCAG AA ✓ Pass

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

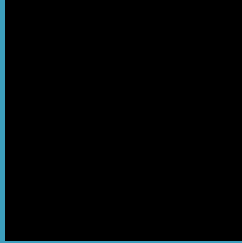
Any Text WCAG AA ✓ Pass

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 3C9EBD Background



This preview shows how black text looks on a background with the Hex color 3C9EBD.

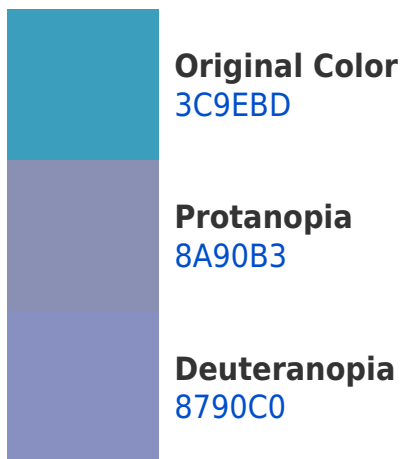


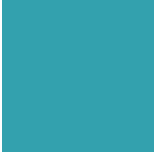
This preview shows how white text looks on a background with the Hex color 3C9EBD.

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](#).

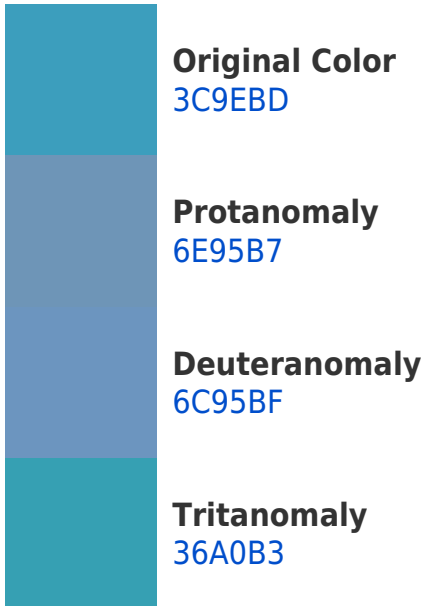
Dichromacy





Tritanopia
33A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9EBD 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 #3C9EBD looks like.

```
.text, #text, p{  
    color:#3C9EBD  
}
```

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 #3C9EBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9EBD
}
```

Border

The CSS property to change the border of an element to Hex 3C9EBD 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
#3C9EBD }
```

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

```
.border{ border-color:#3C9EBD }
```

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

Here you see how a box with a 4 pixel #3C9EBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9EBD; -webkit-box-shadow:4px 4px  
4px 4px #3C9EBD; box-shadow:4px 4px 4px  
4px #3C9EBD }
```

Background

The CSS property to change the background color of an element to Hex 3C9EBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9EBD }
```

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

```
.background{ background-color:#3C9EBD }
```

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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