

Converting Colors

Hex(3F9CBB)

Have a look what the booklet for
Hex(3F9CBB) contains.

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Color

Hex(3F9CBB)

Conversions

Conversions Part 1

Format	Color
Hex	3F9CBB
RGB	63, 156, 187
RGB Percent	25%, 61%, 73%
CMY	0.7529, 0.3882, 0.2667
CMYK	0.66, 0.17, 0.00, 0.27
HSL	195°, 50%, 49%
HSV	195°, 66%, 73%
XYZ	22.9080, 28.4216, 51.2922
YIQ	131.7270, -65.3790, -10.0750

Conversions

Conversions Part 2

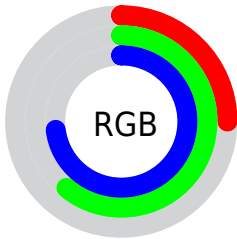
Format	Color
RYB	63, 116, 187
Decimal	4168891
CIELab	60.27, -17.58, -24.12
CIElCh	60, 29.848, 233.919
Yxy	28.4216, 0.2232, 0.2770
Android (android.graphics.Color)	4282358971 (0xFF3F9CBB)
YUV	131.7270, 27.2496, -60.2736
Hunter-Lab	53.3119, -16.5947, -19.7256

Details

The Hex color **3F9CBB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BB5E3F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7CD3F3**, and **006986** is the 20% darker color. If you saturate the color by 10%, you get **2C97BB**, and if you desaturate by 10%, it is **52A1BB**.

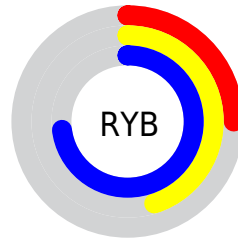
Distribution



Red (25%)

Green (61%)

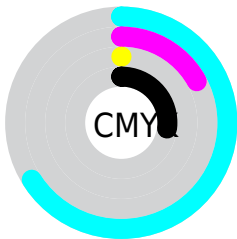
Blue (73%)



Red (25%)

Yellow (45%)

Blue (73%)

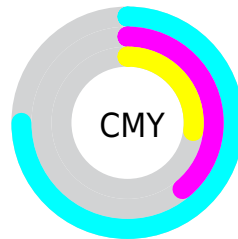


Cyan (66%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (75%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9CBB 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 3F9CBB by changing the saturation by 10% instead.

 3F9CBB

 3F9CBB

FFFFFF

 1682A0

 7CD3F3

 006986

 99EFFF

 00506C

 B6FFFF

 003954

 D4FFFF

 00243D

 F2FFFF

 000427

 000111

 000000

 3F9CBB

 3F9CBB

■ 2C97BB

■ 52A1BB

■ 1A93BB

■ 64A5BB

■ 078EBB

■ 77AABB

■ 008CBB

■ 8AAFBB

■ 9CB3BB

■ AFB8BB

■ C2BDBB

■ D5C1BB

■ E7C6BB

Harmonies

Analogous

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



369FA6



3F9CBB



6595C5

Triad

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



3F9CBB



C17E98



8E9661

Complementary

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



3F9CBB



BB5E3F

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.



A88E5D



3F9CBB



C57E7D

Square

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



3F9CBB



AE83B1



BC8568



6F9C71

Rectangle

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



3F9CBB



8090C4



BC8568



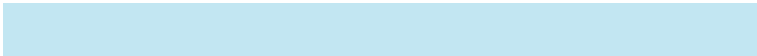
97945E

Sweetspot

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



3F9CBB



C2E6F2



3FBB5E



5D737A



FAFAFA



7A7A7A

Same Dimension

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



3F9CBB



30C2F2



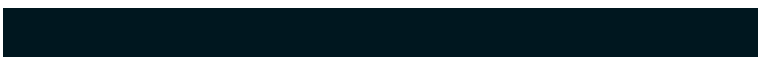
3F5EBB



555C5E



00779E



00171F

Inverse Universe

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



BB3F9C



F230C2



BB9C3F



5E555C



9E0077



1F0017

Previews

White Background



This preview shows how the Hex color 3F9CBB looks on a white background.

Color Contrast Check

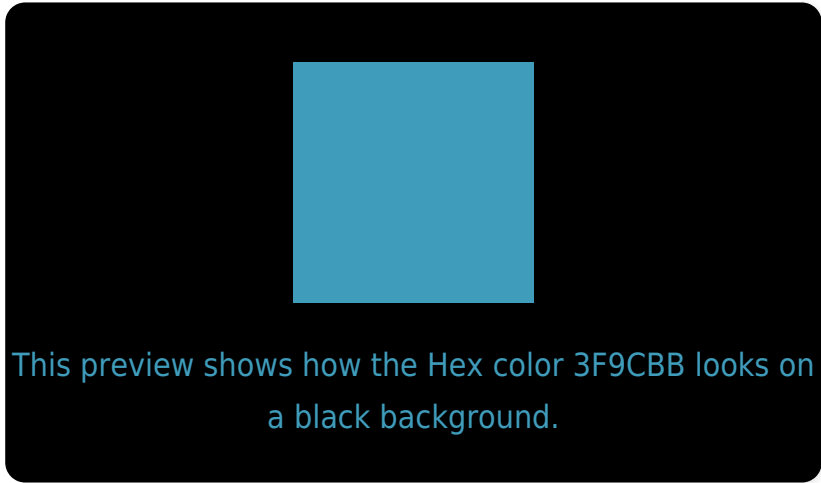
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F9CBB Background



This preview shows how black text looks on a background with the Hex color 3F9CBB.



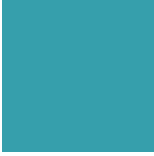
This preview shows how white text looks on a background with the Hex color 3F9CBB.

Color Blindness Simulation

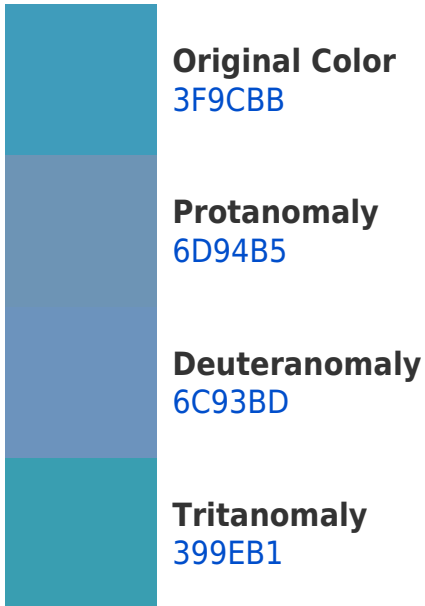
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9CBB 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 #3F9CBB looks like.

```
.text, #text, p{  
    color:#3F9CBB  
}
```

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 #3F9CBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9CBB
}
```

Border

The CSS property to change the border of an element to Hex 3F9CBB 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
#3F9CBB }
```

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

```
.border{ border-color:#3F9CBB }
```

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

Here you see how a box with a 4 pixel #3F9CBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9CBB; -webkit-box-shadow:4px 4px  
4px 4px #3F9CBB; box-shadow:4px 4px 4px  
4px #3F9CBB }
```

Background

The CSS property to change the background color of an element to Hex 3F9CBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9CBB }
```

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

```
.background{ background-color:#3F9CBB }
```

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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