

Converting Colors

Hex(3F9CBE)

Have a look what the booklet for
Hex(3F9CBE) contains.

Hex(3F9CBE)	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(3F9CBE)

Conversions

Conversions Part 1

Format	Color
Hex	3F9CBE
RGB	63, 156, 190
RGB Percent	25%, 61%, 75%
CMY	0.7529, 0.3882, 0.2549
CMYK	0.67, 0.18, 0.00, 0.25
HSL	196°, 50%, 50%
HSV	196°, 67%, 75%
XYZ	23.2326, 28.5514, 53.0017
YIQ	132.0690, -66.3420, -9.1420

Conversions

Conversions Part 2

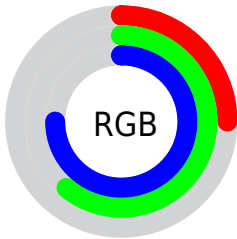
Format	Color
RYB	63, 117, 190
Decimal	4168894
CIELab	60.38, -16.62, -25.63
CIELCh	60, 30.546, 237.048
Yxy	28.5514, 0.2217, 0.2725
Android (android.graphics.Color)	4282358974 (0xFF3F9CBE)
YUV	132.0690, 28.5600, -60.5735
Hunter-Lab	53.4335, -15.8977, -21.4074

Details

The Hex color **3F9CBE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BE613F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7CD3F6**, and **006989** is the 20% darker color. If you saturate the color by 10%, you get **2C97BE**, and if you desaturate by 10%, it is **52A1BE**.

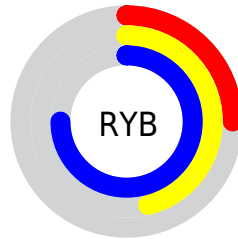
Distribution



Red (25%)

Green (61%)

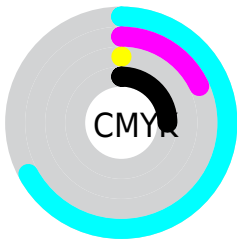
Blue (75%)



Red (25%)

Yellow (46%)

Blue (75%)

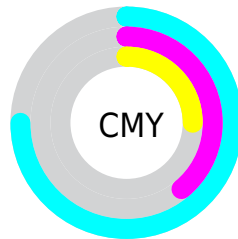


Cyan (67%)

Magenta (18%)

Yellow (0%)

Black (25%)



Cyan (75%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9CBE 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 3F9CBE by changing the saturation by 10% instead.

■ 3F9CBE

■ 3F9CBE

FFFFFF

■ 1682A3

■ 7CD3F6

■ 006989

■ 9AEFFF

■ 00506F

■ B7FFFF

■ 003956

■ D4FFFF

■ 00243F

■ F2FFFF

■ 000629

■ 000113

■ 000000

■ 3F9CBE

■ 3F9CBE

■ 2C97BE

■ 52A1BE

■ 1992BE

■ 65A6BE

■ 068DBE

■ 78ABBE

■ 008BBE

■ 8BB0BE

■ 9EB5BE

■ B1BBBE

■ C4C0BE

■ D7C5BE

■ EACABE

Harmonies

Analogous

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



31A0A9



3F9CBE



6895C7

Triad

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



3F9CBE



C37D95



8B9761

Complementary

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



3F9CBE



BE613F

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.



A68F5C



3F9CBE



C67F7A

Square

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



3F9CBE



B182AF



BB8665



6B9D73

Rectangle

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



3F9CBE



848FC5



BB8665



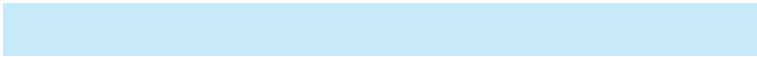
94955D

Sweetspot

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



3F9CBE



C6EAF7



3FBE61



5F757D



FCFCFC



7D7D7D

Same Dimension

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



3F9CBE



31C2F7



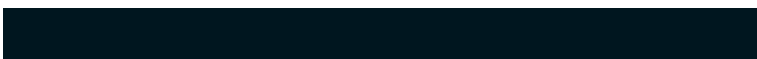
3F5DBE



555C5E



00749E



00161F

Inverse Universe

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



BE3F9C



F731C2



BEA03F



5E555C



9E0074



1F0016

Previews

White Background



This preview shows how the Hex color 3F9CBE looks on a white background.

Color Contrast Check

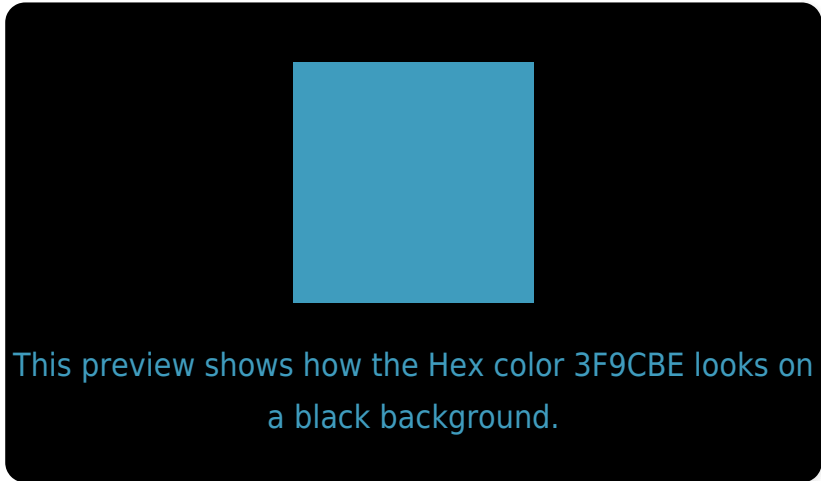
Large Text (above 18pt) WCAG AA ✓ Pass

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

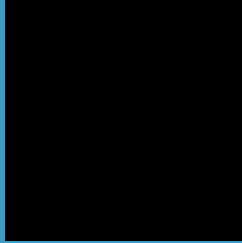
Any Text WCAG AA ✓ Pass

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 3F9CBE Background



This preview shows how black text looks on a background with the Hex color 3F9CBE.



This preview shows how white text looks on a background with the Hex color 3F9CBE.

Color Blindness Simulation

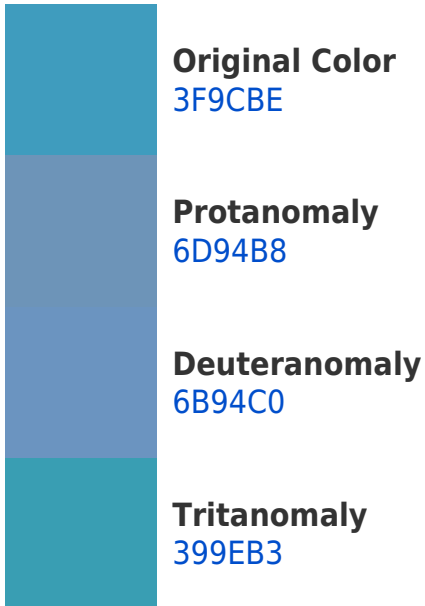
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9CBE 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 #3F9CBE looks like.

```
.text, #text, p{  
    color:#3F9CBE  
}
```

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 #3F9CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9CBE
}
```

Border

The CSS property to change the border of an element to Hex 3F9CBE 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
#3F9CBE }
```

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

```
.border{ border-color:#3F9CBE }
```

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

Here you see how a box with a 4 pixel #3F9CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9CBE; -webkit-box-shadow:4px 4px  
4px 4px #3F9CBE; box-shadow:4px 4px 4px  
4px #3F9CBE }
```

Background

The CSS property to change the background color of an element to Hex 3F9CBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9CBE }
```

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

```
.background{ background-color:#3F9CBE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor