

Converting Colors

Hex(3C8BB4)

Have a look what the booklet for
Hex(3C8BB4) contains.

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Color

Hex(3C8BB4)

Conversions

Conversions Part 1

Format	Color
Hex	3C8BB4
RGB	60, 139, 180
RGB Percent	24%, 55%, 71%
CMY	0.7647, 0.4549, 0.2941
CMYK	0.67, 0.23, 0.00, 0.29
HSL	200°, 50%, 47%
HSV	200°, 67%, 71%
XYZ	19.3343, 22.7212, 46.5466
YIQ	120.0530, -60.2450, -3.9970

Conversions

Conversions Part 2

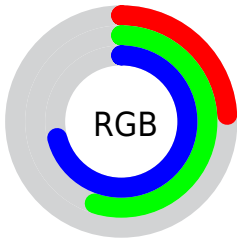
Format	Color
R_{YB}	60, 108, 180
Decimal	3967924
CIE _{Lab}	54.78, -11.05, -28.62
CIE _{LCh}	55, 30.679, 248.898
Yxy	22.7212, 0.2182, 0.2564
Android (android.graphics.Color)	4282158004 (0xFF3C8BB4)
YUV	120.0530, 29.5539, -52.6665
Hunter-Lab	47.6667, -11.0146, -24.5300




Details

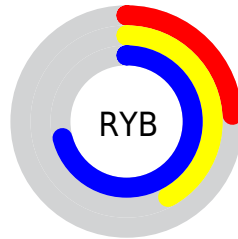
The Hex color **3C8BB4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B4653C**, and the grayscale version is **787878**.




A 20% lighter version of the original color is **78C0EC**, and **00597F** is the 20% darker color. If you saturate the color by 10%, you get **2A85B4**, and if you desaturate by 10%, it is **4E91B4**.

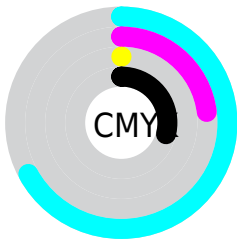
Distribution







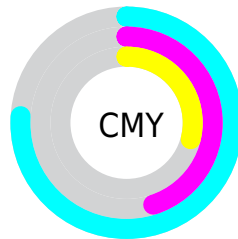
-  Red (24%)
-  Green (55%)
-  Blue (71%)






-  Red (24%)
-  Yellow (42%)
-  Blue (71%)



-  Cyan (67%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (76%)
-  Magenta (45%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8BB4 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 3C8BB4 by changing the saturation by 10% instead.

■ 3C8BB4

■ 3C8BB4

FFFFFF

■ 147299

■ 78C0EC

■ 00597F

■ 95DCFF

■ 004266

■ B2F9FF

■ 002C4E

■ CFFFFFF

■ 001837

■ EDFFFF

■ 000221

■ 000006

■ 000000

■ 3C8BB4

■ 3C8BB4

■ 2A85B4

■ 4E91B4

■ 187FB4

■ 6097B4

■ 0679B4

■ 729DB4

■ 0076B4

■ 84A4B4

■ 96AAB4

■ A8B0B4

■ BAB6B4

■ CCBCB4

■ DEC2B4

Harmonies

Analogous

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



1590A4



3C8BB4



6A83B7

Triad

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



3C8BB4



B76E7C



708B59

Complementary

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



3C8BB4



B4653C

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.



8D844E



3C8BB4



B47363

Square

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



3C8BB4



AB7197



A57B52



4F906F

Rectangle

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



3C8BB4



857DB2



A57B52



7A8954

Sweetspot

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



3C8BB4



BCDBEB



3CB464



596C75



F5F5F5



757575

Same Dimension

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



3C8BB4



2FAAEB



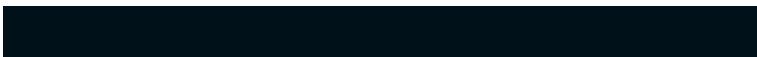
3C50B4



505659



006599



00111A

Inverse Universe

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



B43C8B



EB2FAA



B4A03C



595056



990065



1A0011

Previews

White Background



This preview shows how the Hex color 3C8BB4 looks on a white background.

Color Contrast Check

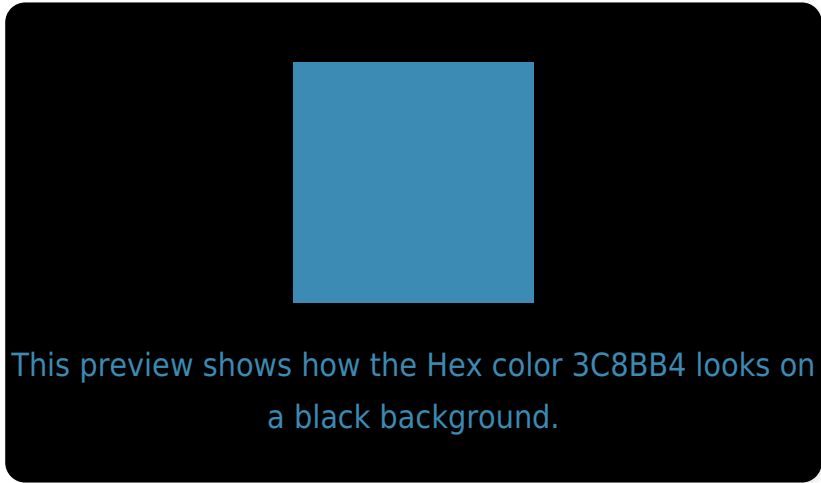
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C8BB4 Background



This preview shows how black text looks on a background with the Hex color 3C8BB4.

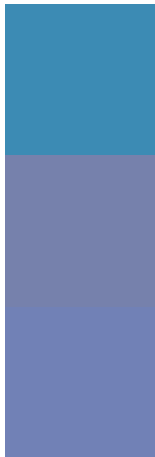


This preview shows how white text looks on a background with the Hex color 3C8BB4.

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



Original Color
3C8BB4

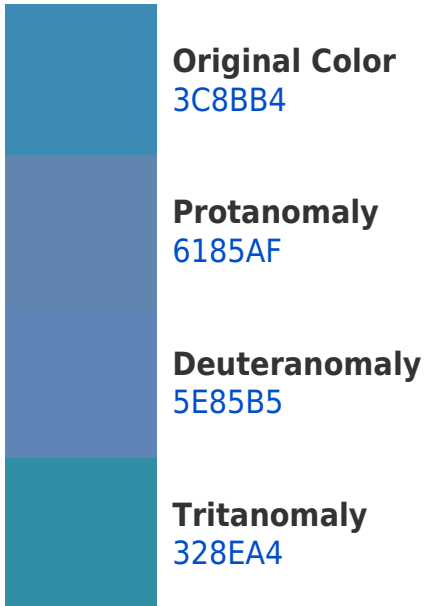
Protanopia
7681AC

Deuteranopia
7181B6

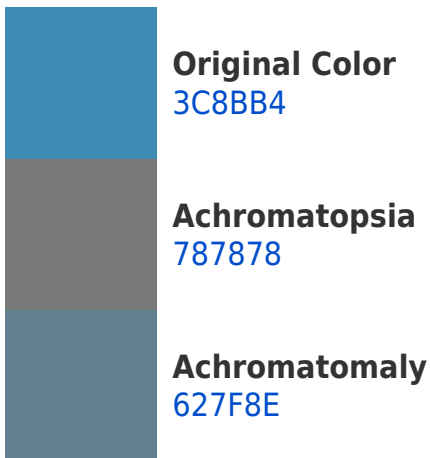


Tritanopia
2D8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8BB4 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 #3C8BB4 looks like.

```
.text, #text, p{  
    color:#3C8BB4  
}
```

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 #3C8BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8BB4
}
```

Border

The CSS property to change the border of an element to Hex 3C8BB4 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
#3C8BB4 }
```

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

```
.border{ border-color:#3C8BB4 }
```

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

Here you see how a box with a 4 pixel #3C8BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8BB4; -webkit-box-shadow:4px 4px  
4px 4px #3C8BB4; box-shadow:4px 4px 4px  
4px #3C8BB4 }
```

Background

The CSS property to change the background color of an element to Hex 3C8BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8BB4 }
```

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

```
.background{ background-color:#3C8BB4 }
```

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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