

# Converting Colors

Hex(3D8DBF)

Have a look what the booklet for  
Hex(3D8DBF) contains.

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# Color

**Hex(3D8DBF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D8DBF
RGB	61, 141, 191
RGB Percent	24%, 55%, 75%
CMY	0.7608, 0.4471, 0.2510
CMYK	0.68, 0.26, 0.00, 0.25
HSL	203°, 52%, 49%
HSV	203°, 68%, 75%
XYZ	20.8533, 23.8034, 52.7857
YIQ	122.7800, -63.7300, -1.4100

# Conversions

## Conversions Part 2

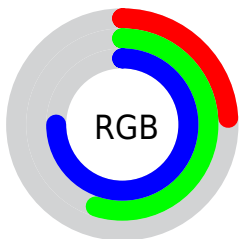
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 111, 191
Decimal	4033983
CIE <sub>Lab</sub>	55.89, -8.31, -33.17
CIE <sub>LCh</sub>	56, 34.190, 255.939
Yxy	23.8034, 0.2140, 0.2443
Android (android.graphics.Color)	4282224063 (0xFF3D8DBF)
YUV	122.7800, 33.6325, -54.1811
Hunter-Lab	48.7888, -9.0858, -29.9950

# Details

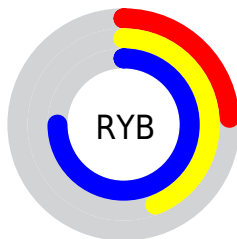
The Hex color **3D8DBF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BF6F3D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7AC3F8**, and **005B89** is the 20% darker color. If you saturate the color by 10%, you get **2A86BF**, and if you desaturate by 10%, it is **5094BF**.

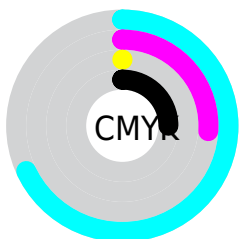
# Distribution



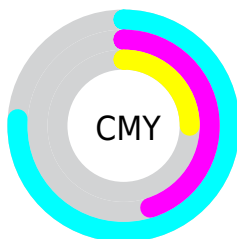
- Red (24%)
- Green (55%)
- Blue (75%)



- Red (24%)
- Yellow (44%)
- Blue (75%)



- Cyan (68%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)



- Cyan (76%)
- Magenta (45%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D8DBF 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 3D8DBF by changing the saturation by 10% instead.



■ 3D8DBF

■ 3D8DBF

FFFFFF

■ 1274A4

■ 7AC3F8

■ 005B89

■ 97DEFF

■ 004470

■ B5FBFF

■ 002E57

■ D2FFFF

■ 001A3F

■ F0FFFF

■ 000329

■ 000113

■ 000000

■ 3D8DBF

■ 3D8DBF

■ 2A86BF

■ 5094BF

■ 177EBF

■ 639CBF

■ 0477BF

■ 76A3BF

■ 0076BF

■ 89AABF

■ 9DB2BF

■ B0B9BF

■ C3C0BF

■ D6C8BF

■ E9CFBF

# Harmonies

## Analogous

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



0093B0



3D8DBF



7483BF

# Triad

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



3D8DBF



C06F77



68915C

# Complementary

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



3D8DBF



BF6F3D

# 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.



89894C



3D8DBF



B9755D

# Square

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



3D8DBF



B77095



A57F4C



409577

# Rectangle

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



3D8DBF



917CB6



A57F4C



748E55

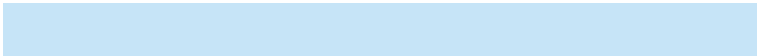


# Sweetspot

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



3D8DBF



C6E4F7



3DBF6F



5F717D



FCFCFC



7D7D7D



# Same Dimension

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



3D8DBF



2DA9F7



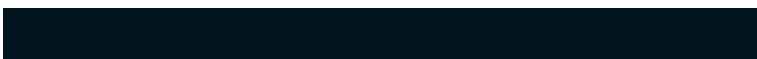
3D4CBF



555B5E



00619E



00131F



# Inverse Universe

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



BF3D8D



F72DA9



BFB03D



5E555B



9E0061



1F0013



# Previews

## White Background



This preview shows how the Hex color 3D8DBF looks on a white background.

## Color Contrast Check

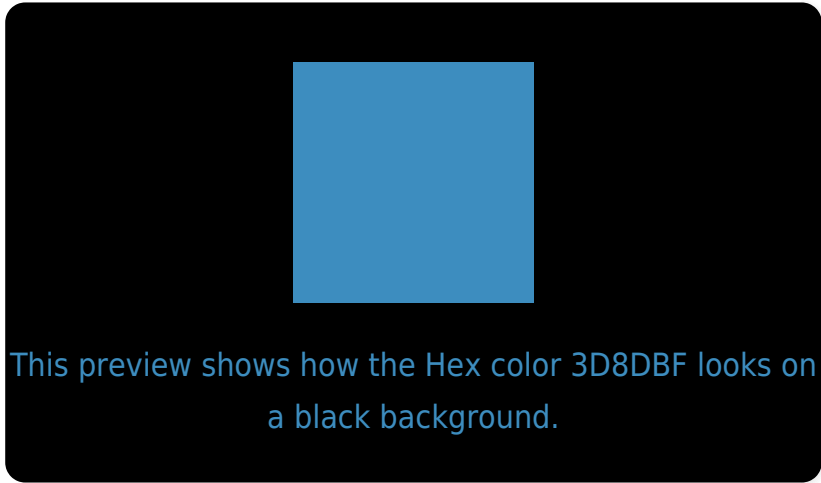
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D8DBF Background



This preview shows how black text looks on a background with the Hex color 3D8DBF.

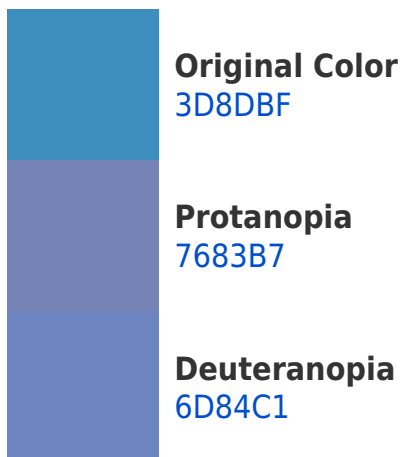


This preview shows how white text looks on a background with the Hex color 3D8DBF.

# 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](#).

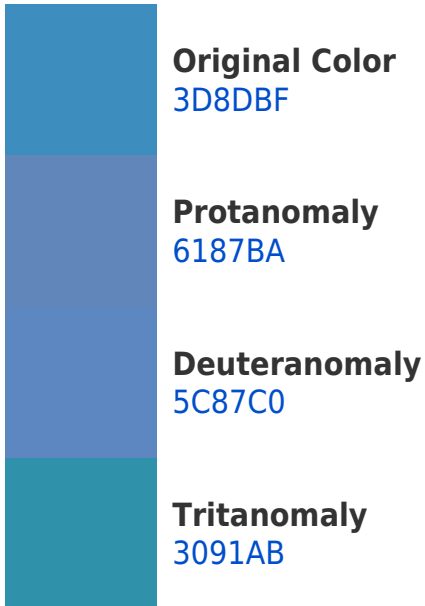
## Dichromacy



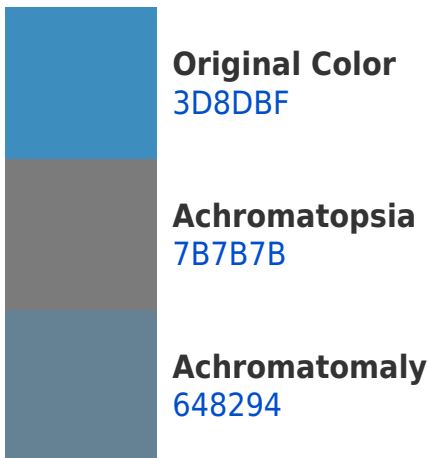


**Tritanopia**  
28939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D8DBF 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 #3D8DBF looks like.

```
.text, #text, p{  
    color:#3D8DBF  
}
```

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 #3D8DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8DBF
}
```

## Border

The CSS property to change the border of an element to Hex 3D8DBF 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
#3D8DBF }
```

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

```
.border{ border-color:#3D8DBF }
```

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

Here you see how a box with a 4 pixel #3D8DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8DBF; -webkit-box-shadow:4px 4px  
4px 4px #3D8DBF; box-shadow:4px 4px 4px  
4px #3D8DBF }
```

# Background

The CSS property to change the background color of an element to Hex 3D8DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8DBF }
```

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

```
.background{ background-color:#3D8DBF }
```

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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