

# Converting Colors

Hex(3978DB)

Have a look what the booklet for  
Hex(3978DB) contains.

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**Color**

**Hex(3978DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3978DB
RGB	57, 120, 219
RGB Percent	22%, 47%, 86%
CMY	0.7765, 0.5294, 0.1412
CMYK	0.74, 0.45, 0.00, 0.14
HSL	217°, 69%, 54%
HSV	217°, 74%, 86%
XYZ	21.1900, 19.4173, 69.6489
YIQ	112.4490, -69.3270, 17.4330

# Conversions

## Conversions Part 2

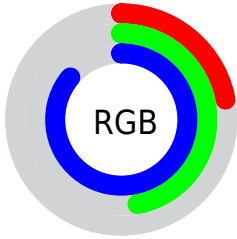
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 102, 219
Decimal	3766491
CIE <sub>Lab</sub>	51.17, 13.65, -56.51
CIE <sub>LCh</sub>	51, 58.136, 283.576
Yxy	19.4173, 0.1922, 0.1761
Android (android.graphics.Color)	4281956571 (0xFF3978DB)
YUV	112.4490, 52.5296, -48.6288
Hunter-Lab	44.0650, 8.7233, -62.8679




# Details

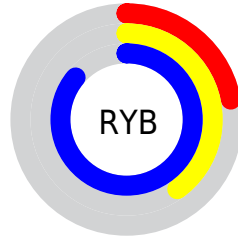
The Hex color **3978DB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **DB9C39**, and the grayscale version is **707070**.




A 20% lighter version of the original color is **7CACFF**, and **0048A3** is the 20% darker color. If you saturate the color by 10%, you get **236BDB**, and if you desaturate by 10%, it is **4F85DB**.

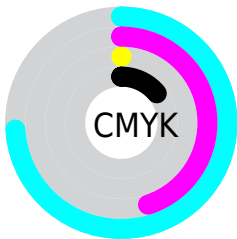
# Distribution







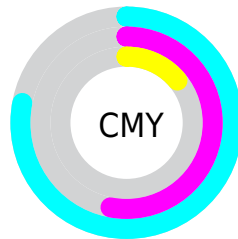
-  Red (22%)
-  Green (47%)
-  Blue (86%)






-  Red (22%)
-  Yellow (40%)
-  Blue (86%)



-  Cyan (74%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (14%)



-  Cyan (78%)
-  Magenta (53%)
-  Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3978DB 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 3978DB by changing the saturation by 10% instead.



 3978DB

 3978DB

FFFFFF

 0060BF

 7CACFF

 0048A3

 9BC7FF

 003388

 B9E3FF

 001F6E

 D7FFFF


 000555

 F6FFFF

 00063D

 000326

 000110

 000000

■ 3978DB

■ 3978DB

■ 236BDB

■ 4F85DB

■ 0D5DDB

■ 6593DB

■ 0055DB

■ 7BA0DB

■ 91AEDB

■ A6BBDB

■ BCC8DB

■ D2D6DB

■ E8E3DB

■ FEF0DB

# Harmonies

## Analogous

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



0087D9



3978DB



9962C2

# Triad

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



3978DB



C75837



008F5C

# Complementary

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



3978DB



DB9C39

# 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.



43892B



3978DB



A86D0C

# Square

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



3978DB



D34865



7D7F00



009190

# Rectangle

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



3978DB



BA53A7



7D7F00



008E4B



# Sweetspot

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



3978DB



C7DDFF



39DB9A



5E6B80



000000



808080



# Same Dimension

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



3978DB



1C74FF



4939DB



63676E



0043AD



00122E



# Inverse Universe

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



DB3978



FF1C74



CBDB39



6E6367



AD0043



2E0012



# Previews

## White Background



This preview shows how the Hex color 3978DB looks on a white background.

## Color Contrast Check

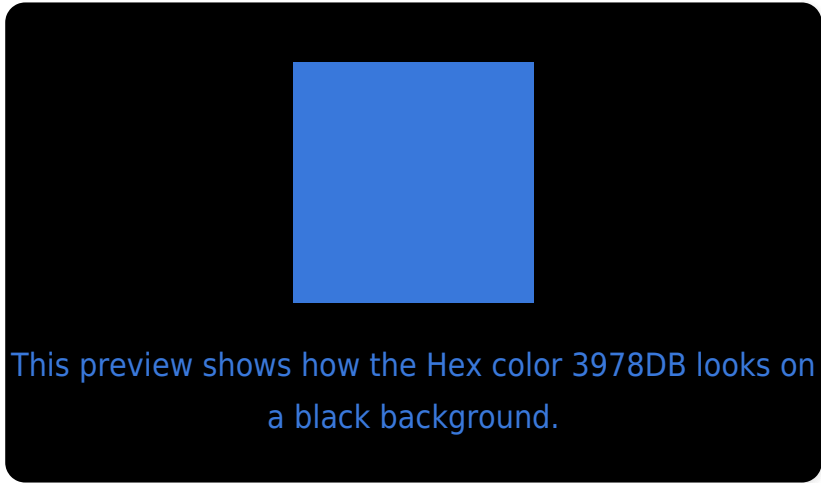
Large Text (above 18pt) WCAG AA ✓ Pass

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

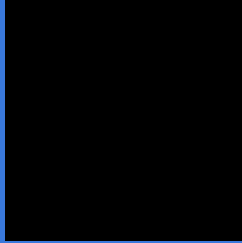
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

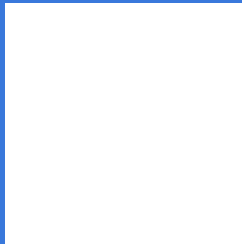
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3978DB Background



This preview shows how black text looks on a background with the Hex color 3978DB.

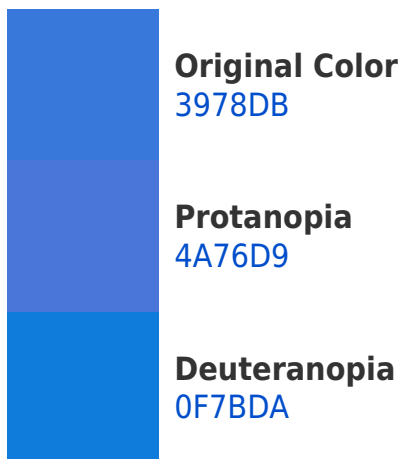


This preview shows how white text looks on a background with the Hex color 3978DB.

# 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](#).

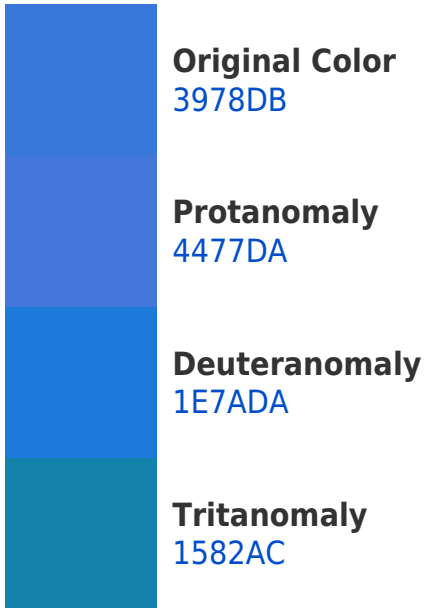
## Dichromacy



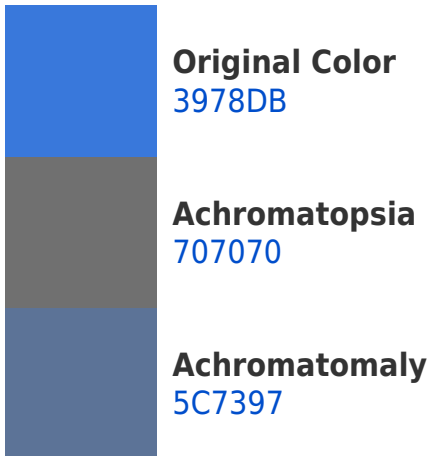


**Tritanopia**  
008791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3978DB 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 #3978DB looks like.

```
.text, #text, p{  
  color:#3978DB  
}
```

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 #3978DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3978DB
}
```

## Border

The CSS property to change the border of an element to Hex 3978DB 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".

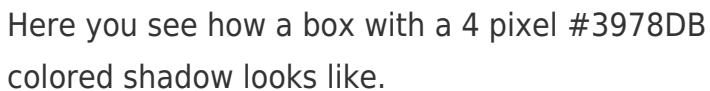
```
.border, #border, table{ border:4px solid
#3978DB }
```

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

```
.border{ border-color:#3978DB }
```

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

Here you see how a box with a 4 pixel #3978DB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3978DB; -webkit-box-shadow:4px 4px  
4px 4px #3978DB; box-shadow:4px 4px 4px  
4px #3978DB }
```

# Background

The CSS property to change the background color of an element to Hex 3978DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3978DB }
```

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

```
.background{ background-color:#3978DB }
```

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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