

# Converting Colors

Hex(3882D3)

Have a look what the booklet for  
Hex(3882D3) contains.

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# Color

Hex(3882D3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3882D3
RGB	56, 130, 211
RGB Percent	22%, 51%, 83%
CMY	0.7804, 0.4902, 0.1725
CMYK	0.73, 0.38, 0.00, 0.17
HSL	211°, 64%, 52%
HSV	211°, 73%, 83%
XYZ	21.3714, 21.5092, 64.6533
YIQ	117.1080, -70.1050, 9.5030

# Conversions

## Conversions Part 2

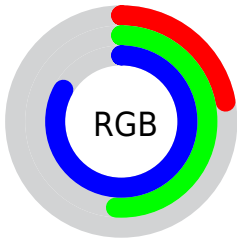
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	56, 106, 211
Decimal	3703507
CIE Lab	53.50, 4.46, -48.27
CIE LCh	54, 48.477, 275.284
Yxy	21.5092, 0.1987, 0.2000
Android (android.graphics.Color)	4281893587 (0xFF3882D3)
YUV	117.1080, 46.2888, -53.5917
Hunter-Lab	46.3780, 1.0930, -50.1888

# Details

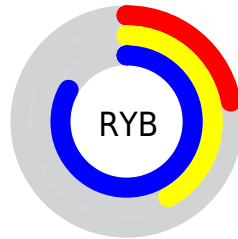
The Hex color **3882D3** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **D38938**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7AB7FF**, and **00519C** is the 20% darker color. If you saturate the color by 10%, you get **2377D3**, and if you desaturate by 10%, it is **4D8DD3**.

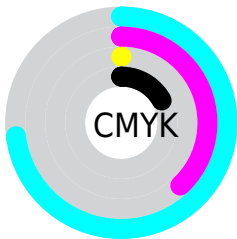
# Distribution



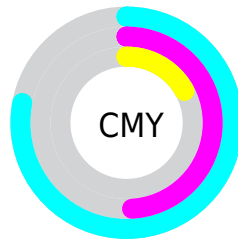
- Red (22%)
- Green (51%)
- Blue (83%)



- Red (22%)
- Yellow (42%)
- Blue (83%)



- Cyan (73%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (78%)
- Magenta (49%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3882D3 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 3882D3 by changing the saturation by 10% instead.



 3882D3

 3882D3

FFFFFF

 0069B7

 7AB7FF

 00519C

 98D2FF

 003B81

 B6EEFF


 002668

 D4FFFF

 00114F

 F2FFFF

 000538

 000221

 000006

 000000

■ 3882D3

■ 3882D3

■ 2377D3

■ 4D8DD3

■ 0E6CD3

■ 6298D3

■ 0065D3

■ 77A3D3

■ 8CAED3

■ A2B9D3

■ B7C4D3

■ CCCFD3

■ E1DAD3

■ F6E5D3

# Harmonies

## Analogous

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



008DCB



3882D3



8C72C4

# Triad

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



3882D3



C86152



1F925B

# Complementary

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



3882D3



D38938

# 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.



648B38



3882D3



B27133

# Square

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



3882D3



CC5A7A



908026



009486

# Rectangle

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



3882D3



AD66B0



908026



3E904E

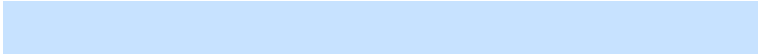


# Sweetspot

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



3882D3



C7E2FF



38D388



5E6E80



000000



808080



# Same Dimension

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



3882D3



1F8AFF



3B38D3



5E6369



0050A8



001329



# Inverse Universe

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



D33882



FF1F8A



D0D338



695E63



A80050

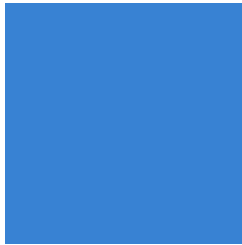


290013



# Previews

## White Background



This preview shows how the Hex color 3882D3 looks on a white background.

## Color Contrast Check

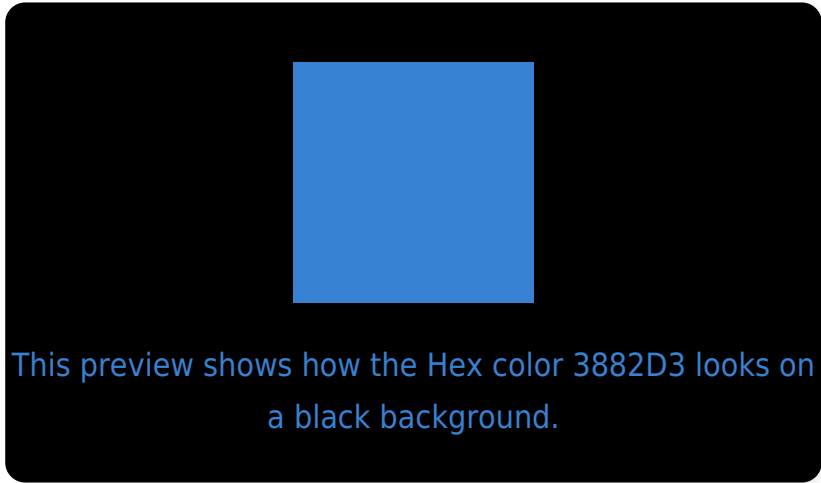
Large Text (above 18pt) WCAG AA ✓ Pass

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

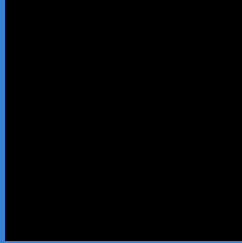
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3882D3 Background



This preview shows how black text looks on a background with the Hex color 3882D3.



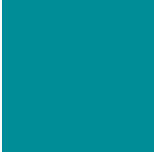
This preview shows how white text looks on a background with the Hex color 3882D3.

# 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](#).

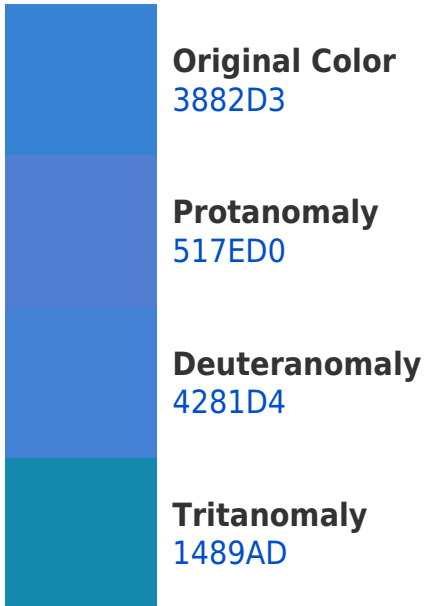
## Dichromacy



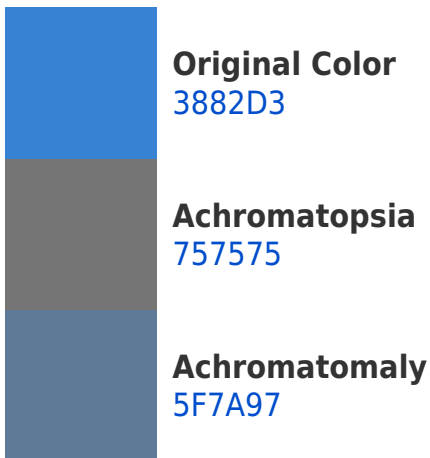


**Tritanopia**  
008D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3882D3 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 #3882D3 looks like.

```
.text, #text, p{  
    color:#3882D3  
}
```

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 #3882D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3882D3
}
```

## Border

The CSS property to change the border of an element to Hex 3882D3 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
#3882D3 }
```

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

```
.border{ border-color:#3882D3 }
```

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

Here you see how a box with a 4 pixel #3882D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3882D3; -webkit-box-shadow:4px 4px  
4px 4px #3882D3; box-shadow:4px 4px 4px  
4px #3882D3 }
```

# Background

The CSS property to change the background color of an element to Hex 3882D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3882D3 }
```

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

```
.background{ background-color:#3882D3 }
```

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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