

# Converting Colors

Hex(3897E4)

Have a look what the booklet for  
Hex(3897E4) contains.

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# Color

**Hex(3897E4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3897E4
RGB	56, 151, 228
RGB Percent	22%, 59%, 89%
CMY	0.7804, 0.4078, 0.1059
CMYK	0.75, 0.34, 0.00, 0.11
HSL	207°, 76%, 56%
HSV	207°, 75%, 89%
XYZ	26.7011, 28.5754, 77.5071
YIQ	131.3730, -81.3370, 3.8070

# Conversions

## Conversions Part 2

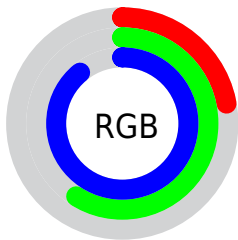
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 117, 228
Decimal	3708900
CIE <sub>Lab</sub>	60.41, -1.87, -46.84
CIE <sub>LCh</sub>	60, 46.881, 267.719
Yxy	28.5754, 0.2011, 0.2152
Android (android.graphics.Color)	4281898980 (0xFF3897E4)
YUV	131.3730, 47.6371, -66.1021
Hunter-Lab	53.4560, -4.3878, -48.5468

# Details

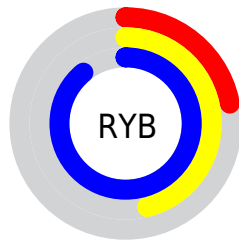
The Hex color **3897E4** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **E48538**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7DCDFF**, and **0065AC** is the 20% darker color. If you saturate the color by 10%, you get **218DE4**, and if you desaturate by 10%, it is **4FA1E4**.

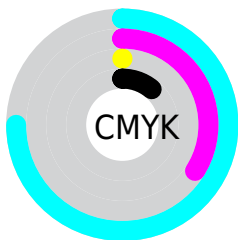
# Distribution



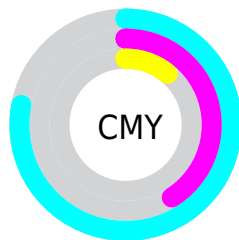
- Red (22%)
- Green (59%)
- Blue (89%)



- Red (22%)
- Yellow (46%)
- Blue (89%)



- Cyan (75%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)



- Cyan (78%)
- Magenta (41%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3897E4 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 3897E4 by changing the saturation by 10% instead.



■ 3897E4

■ 3897E4

FFFFFF

■ 007DC8

■ 7DCDFF

■ 0065AC

■ 9CE9FF

■ 004D91

■ BBFFFF

■ 003777

■ D9FFFF

■ 00225E

■ F8FFFF

■ 000B46

■ 00042F

■ 000119

■ 000000

■ 3897E4

■ 3897E4

■ 218DE4

■ 4FA1E4

■ 0A83E4

■ 66ABE4

■ 007EE4

■ 7CB6E4

■ 93C0E4

■ AACAE4

■ C1D4E4

■ D8DEE4

■ EEE9E4

■ FFF3E4

# Harmonies

## Analogous

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



00A1D7



3897E4



8F88DB

# Triad

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



3897E4



DE726D



4FA264

# Complementary

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



3897E4



E48538

# 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.



839B45



3897E4



CC7F4C

# Square

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



3897E4



DB6E97



AC8E3C



00A68D

# Rectangle

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



3897E4



B47DCA



AC8E3C



62A058

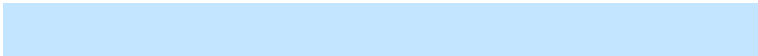


# Sweetspot

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



3897E4



C4E5FF



38E483



5C7080



000000



808080



# Same Dimension

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



3897E4



1797FF



3843E4



676E73



0063B3



001C33



# Inverse Universe

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



E43897



FF1797



E4D938



73676E



B30063

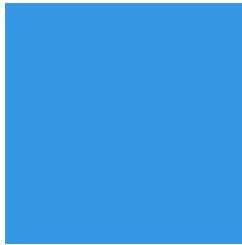


33001C



# Previews

## White Background



This preview shows how the Hex color 3897E4 looks on a white background.

## Color Contrast Check

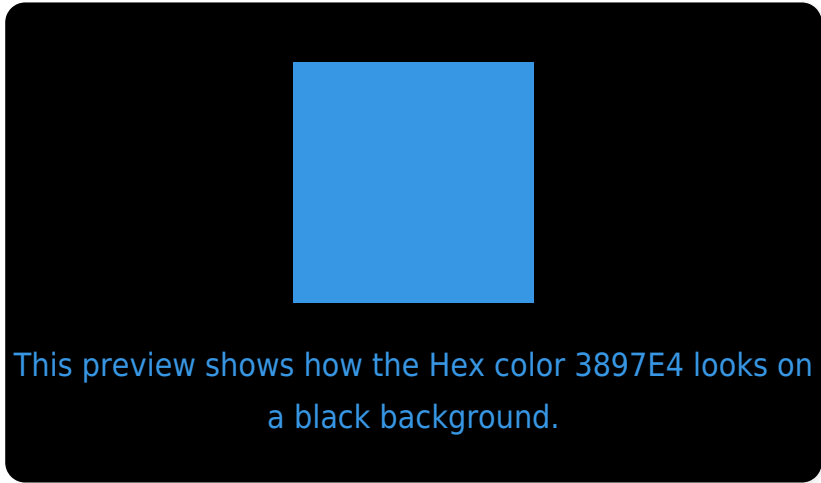
Large Text (above 18pt) WCAG AA ✓ Pass

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

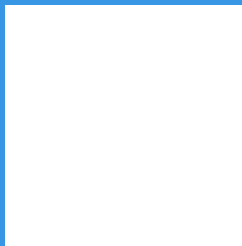
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3897E4 Background



This preview shows how black text looks on a background with the Hex color 3897E4.

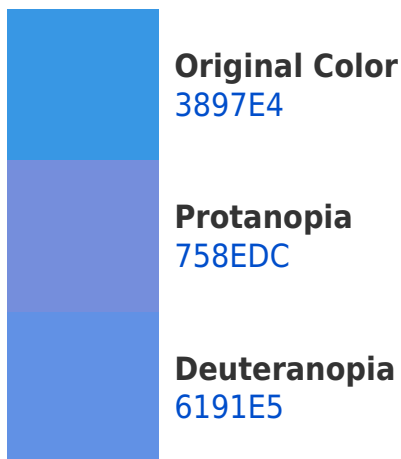


This preview shows how white text looks on a background with the Hex color 3897E4.

# 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](#).

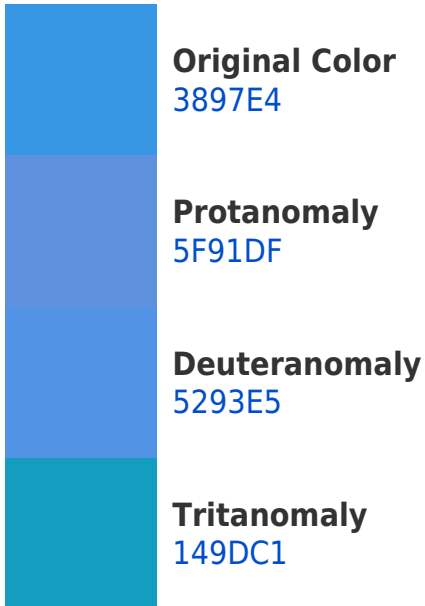
## Dichromacy



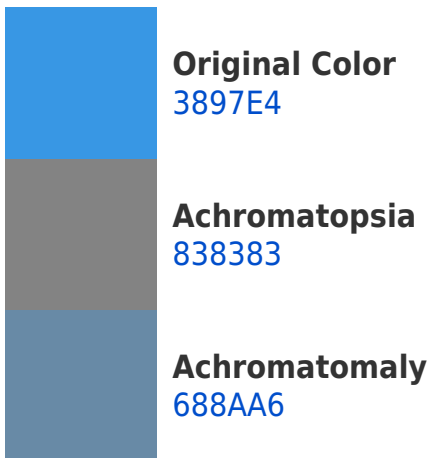


**Tritanopia**  
00A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3897E4 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 #3897E4 looks like.

```
.text, #text, p{  
    color:#3897E4  
}
```

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 #3897E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3897E4
}
```

## Border

The CSS property to change the border of an element to Hex 3897E4 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
#3897E4 }
```

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

```
.border{ border-color:#3897E4 }
```

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

Here you see how a box with a 4 pixel #3897E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3897E4; -webkit-box-shadow:4px 4px  
4px 4px #3897E4; box-shadow:4px 4px 4px  
4px #3897E4 }
```

# Background

The CSS property to change the background color of an element to Hex 3897E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3897E4 }
```

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

```
.background{ background-color:#3897E4 }
```

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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