

Converting Colors

Hex(3980E1)

Have a look what the booklet for
Hex(3980E1) contains.

Hex(3980E1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3980E1)

Conversions

Conversions Part 1

Format	Color
Hex	3980E1
RGB	57, 128, 225
RGB Percent	22%, 50%, 88%
CMY	0.7765, 0.4980, 0.1176
CMYK	0.75, 0.43, 0.00, 0.12
HSL	215°, 74%, 55%
HSV	215°, 75%, 88%
XYZ	22.9971, 21.7444, 74.2192
YIQ	117.8290, -73.4530, 15.1150

Conversions

Conversions Part 2

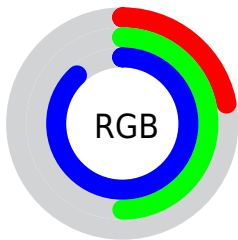
Format	Color
R_{YB}	57, 107, 225
Decimal	3768545
CIE _{Lab}	53.75, 10.90, -55.75
CIE _{LCh}	54, 56.803, 281.061
Yxy	21.7444, 0.1933, 0.1828
Android (android.graphics.Color)	4281958625 (0xFF3980E1)
YUV	117.8290, 52.8353, -53.3470
Hunter-Lab	46.6309, 6.4272, -61.7261

Details

The Hex color **3980E1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E19A39**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7DB4FF**, and **0050A9** is the 20% darker color. If you saturate the color by 10%, you get **2373E1**, and if you desaturate by 10%, it is **4F8DE1**.

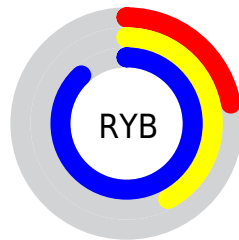
Distribution



Red (22%)

Green (50%)

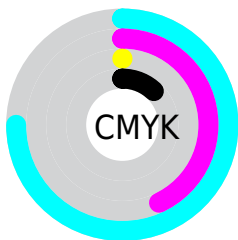
Blue (88%)



Red (22%)

Yellow (42%)

Blue (88%)

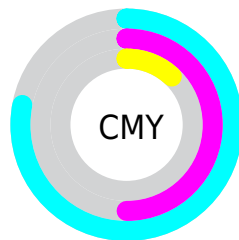


Cyan (75%)

Magenta (43%)

Yellow (0%)

Black (12%)



Cyan (78%)

Magenta (50%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3980E1 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 3980E1 by changing the saturation by 10% instead.

■ 3980E1

■ 3980E1

FFFFFF

■ 0067C5

■ 7DB4FF

■ 0050A9

■ 9CD0FF

■ 003A8E

■ BAECFF

■ 002574

■ D9FFFF

■ 00115B

■ F8FFFF

■ 000742

■ 00032B

■ 000115

■ 000000

■ 3980E1

■ 3980E1

■ 2373E1

■ 4F8DE1

■ 0C66E1

■ 669AE1

■ 005FE1

■ 7CA7E1

■ 93B4E1

■ AAC1E1

■ C0CEE1

■ D6DBE1

■ EDE8E1

■ FFF5E1

Harmonies

Analogous

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



008EDD



3980E1



9A6BCB

Triad

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



3980E1



CF5E42



00965F

Complementary

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



3980E1



E19A39

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.



528F31



3980E1



B2731C

Square

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



3980E1



D95170



88840F



009892

Rectangle

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



3980E1



BD5DB1



88840F



03944F

Sweetspot

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



3980E1



C7DFFF



39E198



5E6C80



000000



808080

Same Dimension

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



3980E1



197AFF



4439E1



656A70



004AB0



001430

Inverse Universe

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



E13980



FF197A



D6E139



70656A



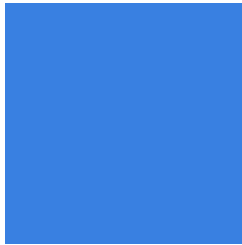
B0004A



300014

Previews

White Background



This preview shows how the Hex color 3980E1 looks on a white background.

Color Contrast Check

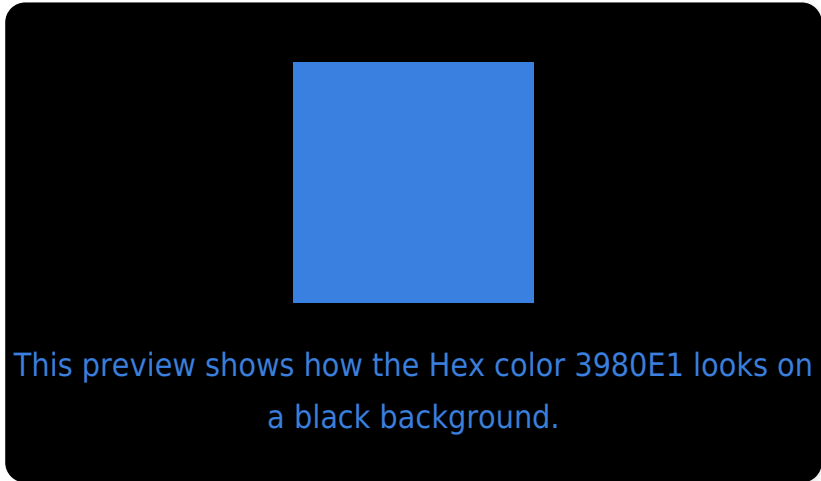
Large Text (above 18pt) WCAG AA ✓ Pass

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

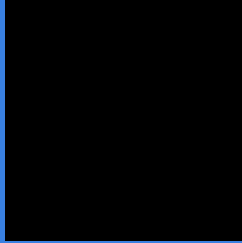
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

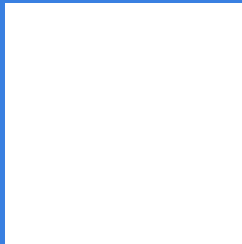
Any Text WCAG AAA × Fail

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

Hex 3980E1 Background



This preview shows how black text looks on a background with the Hex color 3980E1.

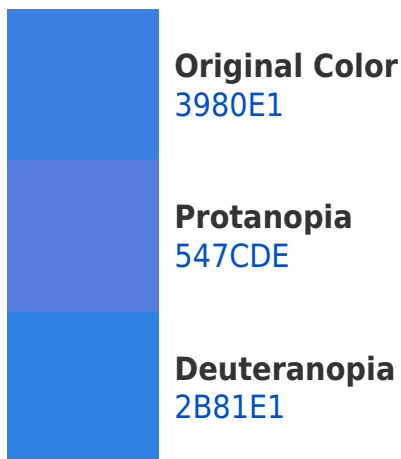


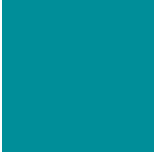
This preview shows how white text looks on a background with the Hex color 3980E1.

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](#).

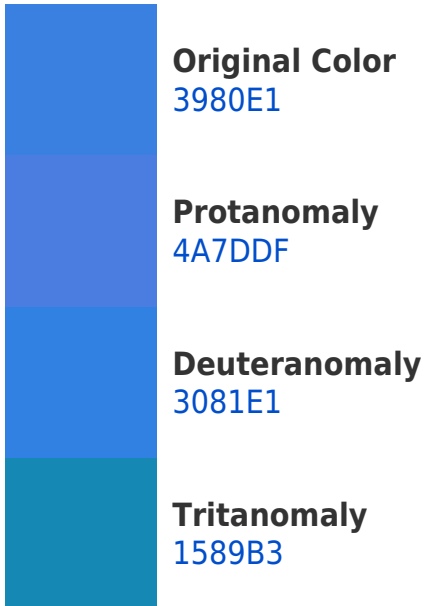
Dichromacy



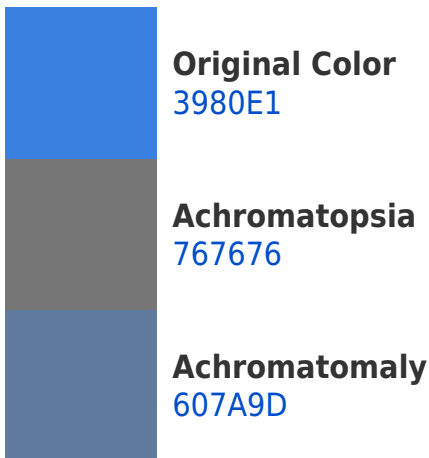


Tritanopia
008E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3980E1 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 #3980E1 looks like.

```
.text, #text, p{  
    color:#3980E1  
}
```

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 #3980E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3980E1
}
```

Border

The CSS property to change the border of an element to Hex 3980E1 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
#3980E1 }
```

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

```
.border{ border-color:#3980E1 }
```

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

Here you see how a box with a 4 pixel #3980E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3980E1; -webkit-box-shadow:4px 4px  
4px 4px #3980E1; box-shadow:4px 4px 4px  
4px #3980E1 }
```

Background

The CSS property to change the background color of an element to Hex 3980E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3980E1 }
```

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

```
.background{ background-color:#3980E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor