

Converting Colors

Hex(3983E1)

Have a look what the booklet for
Hex(3983E1) contains.

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Color

Hex(3983E1)

Conversions

Conversions Part 1

Format	Color
Hex	3983E1
RGB	57, 131, 225
RGB Percent	22%, 51%, 88%
CMY	0.7765, 0.4863, 0.1176
CMYK	0.75, 0.42, 0.00, 0.12
HSL	214°, 74%, 55%
HSV	214°, 75%, 88%
XYZ	23.3942, 22.5387, 74.3516
YIQ	119.5900, -74.2780, 13.5460

Conversions

Conversions Part 2

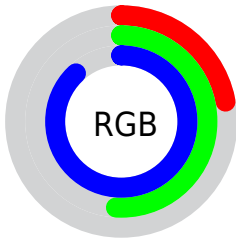
Format	Color
R _Y B	57, 108, 225
Decimal	3769313
CIE Lab	54.59, 9.06, -54.41
CIE LCh	55, 55.155, 279.458
Yxy	22.5387, 0.1945, 0.1874
Android (android.graphics.Color)	4281959393 (0xFF3983E1)
YUV	119.5900, 51.9671, -54.8914
Hunter-Lab	47.4749, 4.8784, -59.6229

Details

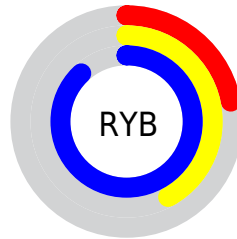
The Hex color **3983E1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E19739**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7DB7FF**, and **0052A9** is the 20% darker color. If you saturate the color by 10%, you get **2376E1**, and if you desaturate by 10%, it is **4F90E1**.

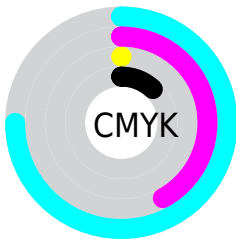
Distribution



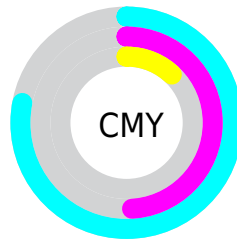
- Red (22%)
- Green (51%)
- Blue (88%)



- Red (22%)
- Yellow (42%)
- Blue (88%)



- Cyan (75%)
- Magenta (42%)
- Yellow (0%)
- Black (12%)



- Cyan (78%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3983E1 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 3983E1 by changing the saturation by 10% instead.

 3983E1

 3983E1

FFFFFF

 006AC5

 7DB7FF

 0052A9

 9CD3FF

 003C8E

 BAEFFF

 002774

 D9FFFF

 00145B

 F8FFFF

 000742

 00032B

 000116

 000000

■ 3983E1

■ 3983E1

■ 2376E1

■ 4F90E1

■ 0C6AE1

■ 669CE1

■ 0063E1

■ 7CA9E1

■ 93B5E1

■ AAC2E1

■ C0CFE1

■ D6DBE1

■ EDE8E1

■ FFF4E1

Harmonies

Analogous

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



0091DC



3983E1



986FCD

Triad

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



3983E1



D16148



00975F

Complementary

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



3983E1



E19739

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.



599133



3983E1



B67424

Square

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



3983E1



D95575



8D8517



009991

Rectangle

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



3983E1



BB62B4



8D8517



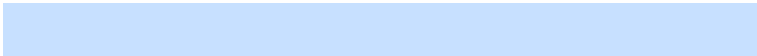
219550

Sweetspot

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



3983E1



C7E0FF



39E195



5E6D80



000000



808080

Same Dimension

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



3983E1



197FFF



4139E1



656A70



004EB0



001530

Inverse Universe

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



E13983



FF197F



D9E139



70656A



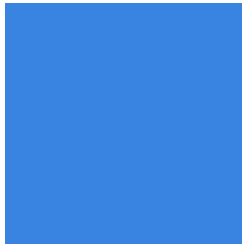
B0004E



300015

Previews

White Background



This preview shows how the Hex color 3983E1 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



This preview shows how the Hex color 3983E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

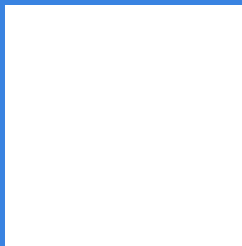
Any Text WCAG AAA × Fail

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

Hex 3983E1 Background



This preview shows how black text looks on a background with the Hex color 3983E1.



This preview shows how white text looks on a background with the Hex color 3983E1.

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](#).

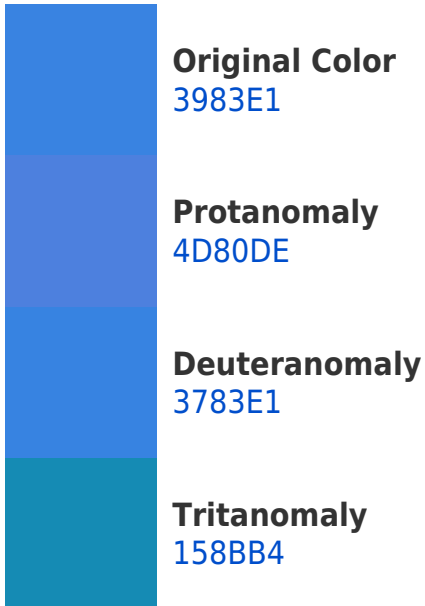
Dichromacy





Tritanopia
00909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3983E1 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 #3983E1 looks like.

```
.text, #text, p{  
    color:#3983E1  
}
```

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 #3983E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3983E1
}
```

Border

The CSS property to change the border of an element to Hex 3983E1 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
#3983E1 }
```

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

```
.border{ border-color:#3983E1 }
```

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

Here you see how a box with a 4 pixel #3983E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3983E1; -webkit-box-shadow:4px 4px  
4px 4px #3983E1; box-shadow:4px 4px 4px  
4px #3983E1 }
```

Background

The CSS property to change the background color of an element to Hex 3983E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3983E1 }
```

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

```
.background{ background-color:#3983E1 }
```

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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