

Converting Colors

Hex(398CC8)

Have a look what the booklet for
Hex(398CC8) contains.

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Color

Hex(398CC8)

Conversions

Conversions Part 1

Format	Color
Hex	398CC8
RGB	57, 140, 200
RGB Percent	22%, 55%, 78%
CMY	0.7765, 0.4510, 0.2157
CMYK	0.71, 0.30, 0.00, 0.22
HSL	205°, 57%, 50%
HSV	205°, 72%, 78%
XYZ	21.4908, 23.7962, 58.1040
YIQ	122.0230, -68.7280, 1.0640

Conversions

Conversions Part 2

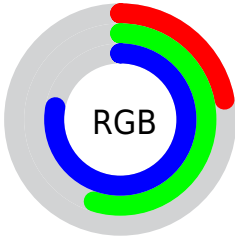
Format	Color
R _Y B	57, 110, 200
Decimal	3771592
CIE Lab	55.88, -5.23, -38.29
CIE LCh	56, 38.642, 262.217
Yxy	23.7962, 0.2079, 0.2302
Android (android.graphics.Color)	4281961672 (0xFF398CC8)
YUV	122.0230, 38.4427, -57.0252
Hunter-Lab	48.7813, -6.7286, -36.4741

Details

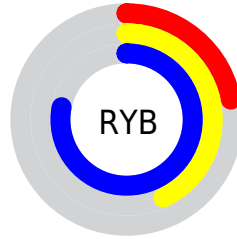
The Hex color **398CC8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C87539**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **79C1FF**, and **005A92** is the 20% darker color. If you saturate the color by 10%, you get **2584C8**, and if you desaturate by 10%, it is **4D94C8**.

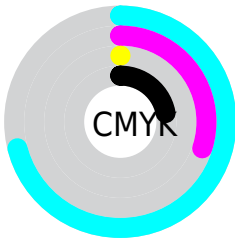
Distribution



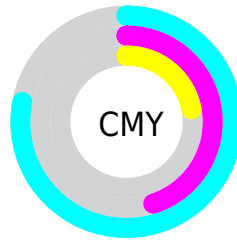
- Red (22%)
- Green (55%)
- Blue (78%)



- Red (22%)
- Yellow (43%)
- Blue (78%)



- Cyan (71%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 398CC8 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 398CC8 by changing the saturation by 10% instead.

■ 398CC8

■ 398CC8

FFFFFF

■ 0273AC

■ 79C1FF

■ 005A92

■ 96DDFF

■ 004378

■ B4FAFF

■ 002D5F

■ D2FFFF

■ 001947

■ F0FFFF

■ 000430

■ 00011A

■ 000000

■ 398CC8

■ 398CC8

■ 2584C8

■ 4D94C8

■ 117BC8

■ 619DC8

■ 0074C8

■ 75A5C8

■ 89AEC8

■ 9DB6C8

■ B1BEC8

■ C5C7C8

■ D9CFC8

■ EDD8C8

Harmonies

Analogous

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



0094BA



398CC8



7B81C4

Triad

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



398CC8



C66C6E



5A935B

Complementary

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



398CC8



C87539

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.



828C46



398CC8



BA7552

Square

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



398CC8



C06B90



A28142



20977C

Rectangle

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



398CC8



9B78B8



A28142



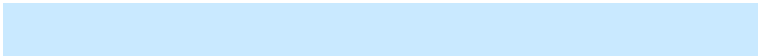
689153

Sweetspot

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



398CC8



C9E9FF



39C875



607280



000000



808080

Same Dimension

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



398CC8



24A3FF



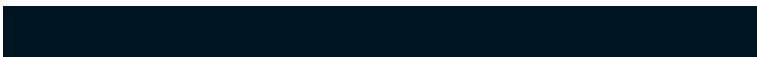
3945C8



5A5F63



005FA3



001524

Inverse Universe

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



C8398C



FF24A3



C8BC39



635A5F



A3005F



240015

Previews

White Background



This preview shows how the Hex color 398CC8 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 398CC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

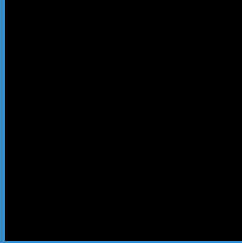
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

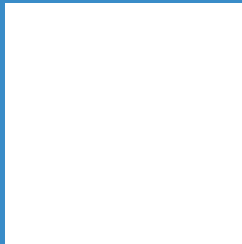
Any Text WCAG AAA × Fail

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

Hex 398CC8 Background



This preview shows how black text looks on a background with the Hex color 398CC8.

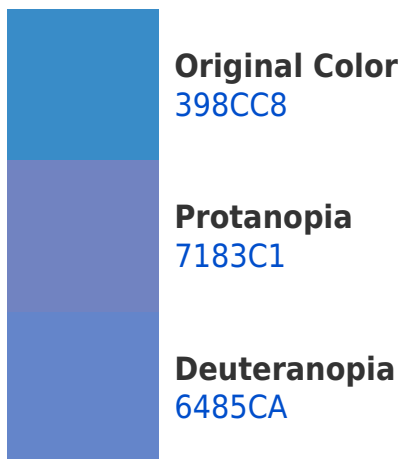


This preview shows how white text looks on a background with the Hex color 398CC8.

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](#).

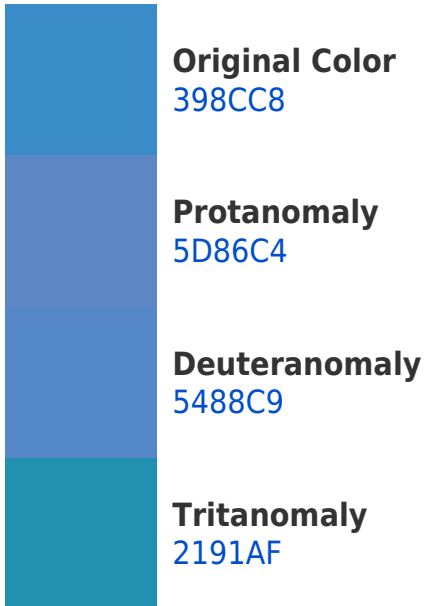
Dichromacy



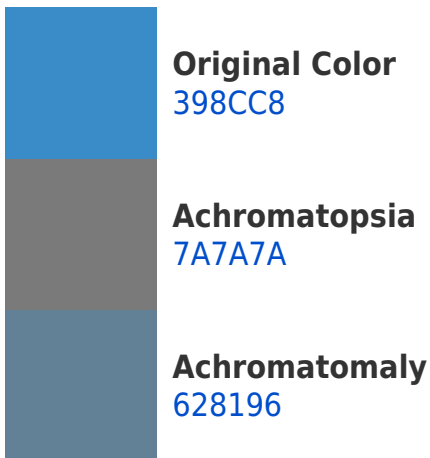


Tritanopia
1494A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 398CC8 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 #398CC8 looks like.

```
.text, #text, p{  
    color:#398CC8  
}
```

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 #398CC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398CC8
}
```

Border

The CSS property to change the border of an element to Hex 398CC8 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
#398CC8 }
```

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

```
.border{ border-color:#398CC8 }
```

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

Here you see how a box with a 4 pixel #398CC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398CC8; -webkit-box-shadow:4px 4px  
4px 4px #398CC8; box-shadow:4px 4px 4px  
4px #398CC8 }
```

Background

The CSS property to change the background color of an element to Hex 398CC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398CC8 }
```

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

```
.background{ background-color:#398CC8 }
```

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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