

Converting Colors

Hex(398DF2)

Have a look what the booklet for
Hex(398DF2) contains.

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Color

Hex(398DF2)

Conversions

Conversions Part 1

Format	Color
Hex	398DF2
RGB	57, 141, 242
RGB Percent	22%, 55%, 95%
CMY	0.7765, 0.4471, 0.0510
CMYK	0.76, 0.42, 0.00, 0.05
HSL	213°, 88%, 59%
HSV	213°, 76%, 95%
XYZ	27.2392, 26.3304, 87.6510
YIQ	127.3980, -82.4850, 13.6030

Conversions

Conversions Part 2

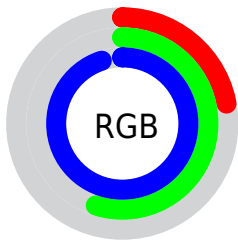
Format	Color
R_{YB}	57, 115, 242
Decimal	3771890
CIE _{Lab}	58.35, 9.18, -57.86
CIE _{LCh}	58, 58.585, 279.016
Yxy	26.3304, 0.1929, 0.1864
Android (android.graphics.Color)	4281961970 (0xFF398DF2)
YUV	127.3980, 56.4988, -61.7390
Hunter-Lab	51.3132, 4.9574, -65.3575

Details

The Hex color **398DF2** 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 **F29E39**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **80C2FF**, and **005CB9** is the 20% darker color. If you saturate the color by 10%, you get **2180F2**, and if you desaturate by 10%, it is **519AF2**.

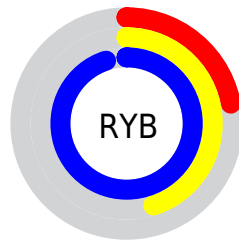
Distribution



Red (22%)

Green (55%)

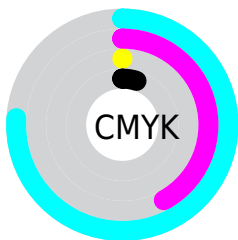
Blue (95%)



Red (22%)

Yellow (45%)

Blue (95%)

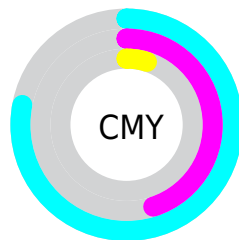


Cyan (76%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (78%)

Magenta (45%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 398DF2 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 398DF2 by changing the saturation by 10% instead.

 398DF2

 398DF2

FFFFFF

 0074D5

 80C2FF

 005CB9

 A0DEFF

 00459E

 BFFAFF

 003083

 DEFFFF

 001D69

 FDFFFF

 000950

 000538

 000222

 000008

■ 398DF2

■ 398DF2

■ 2180F2

■ 519AF2

■ 0973F2

■ 69A7F2

■ 006EF2

■ 82B5F2

■ 9AC2F2

■ B2CFF2

■ CADCF2

■ E2E9F2

■ FBF7F2

■ FFFFF2

Harmonies

Analogous

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



009CEC



398DF2



A378DD

Triad

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



398DF2



E1684E



00A266

Complementary

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



398DF2



F29E39

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.



619B36



398DF2



C47C27

Square

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



398DF2



E95B7F



988F18



00A59B

Rectangle

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



398DF2



C969C2



988F18



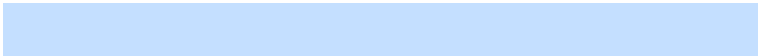
24A055

Sweetspot

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



398DF2



C4DFFF



39F29C



5C6C80



000000



808080

Same Dimension

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



398DF2



147FFF



3F39F2



6C7178



0053B8



001938

Inverse Universe

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



F2398D



FF147F



ECF239



786C71



B80053



380019

Previews

White Background



This preview shows how the Hex color 398DF2 looks on a white background.

Color Contrast Check

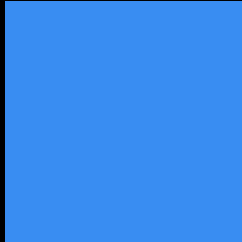
Large Text (above 18pt) WCAG AA ✓ Pass

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 398DF2 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

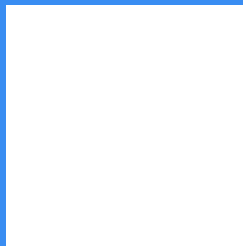
Any Text WCAG AAA × Fail

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

Hex 398DF2 Background



This preview shows how black text looks on a background with the Hex color 398DF2.

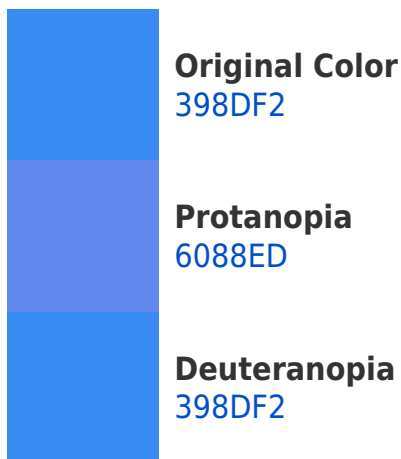


This preview shows how white text looks on a background with the Hex color 398DF2.

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](#).

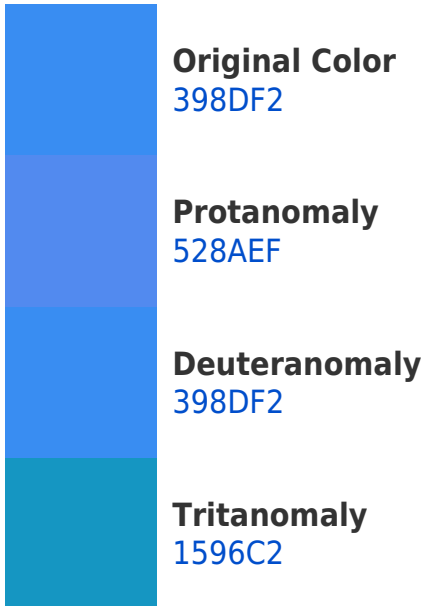
Dichromacy



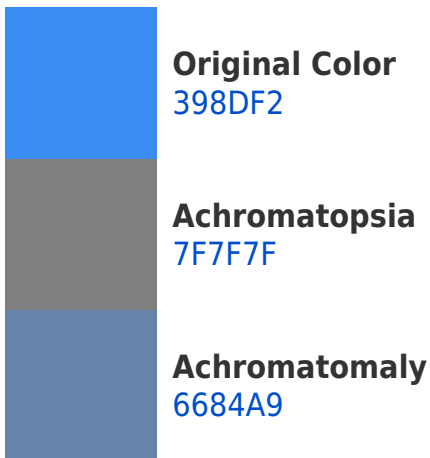


Tritanopia
009BA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 398DF2 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 #398DF2 looks like.

```
.text, #text, p{  
    color:#398DF2  
}
```

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 #398DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398DF2
}
```

Border

The CSS property to change the border of an element to Hex 398DF2 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
#398DF2 }
```

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

```
.border{ border-color:#398DF2 }
```

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

Here you see how a box with a 4 pixel #398DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398DF2; -webkit-box-shadow:4px 4px  
4px 4px #398DF2; box-shadow:4px 4px 4px  
4px #398DF2 }
```

Background

The CSS property to change the background color of an element to Hex 398DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398DF2 }
```

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

```
.background{ background-color:#398DF2 }
```

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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