

# Converting Colors

Hex(388FA8)

Have a look what the booklet for  
Hex(388FA8) contains.

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# Color

**Hex(388FA8)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 388FA8                       |
| RGB         | 56, 143, 168                 |
| RGB Percent | 22%, 56%, 66%                |
| CMY         | 0.7804, 0.4392, 0.3412       |
| CMYK        | 0.67, 0.15, 0.00, 0.34       |
| HSL         | 193°, 50%, 44%               |
| HSV         | 193°, 67%, 66%               |
| XYZ         | 18.5212, 23.3128, 40.5694    |
| YIQ         | 119.8370, -59.8770, -10.6690 |

# Conversions

## Conversions Part 2

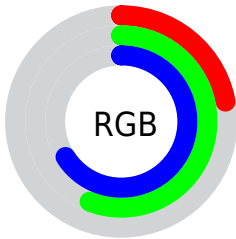
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 56, 105, 168                   |
| Decimal                             | 3706792                        |
| CIE Lab                             | 55.39, -17.85, -20.82          |
| CIE LCh                             | 55, 27.429, 229.395            |
| Yxy                                 | 23.3128, 0.2248,<br>0.2829     |
| Android<br>(android.graphics.Color) | 4281896872<br>(0xFF388FA8)     |
| YUV                                 | 119.8370, 23.7444,<br>-55.9850 |
| Hunter-Lab                          | 48.2834, -16.0243,<br>-16.0193 |

# Details

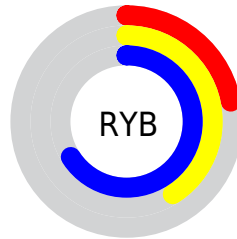
The Hex color **388FA8** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A85138**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **74C5DF**, and **005D74** is the 20% darker color. If you saturate the color by 10%, you get **278BA8**, and if you desaturate by 10%, it is **4993A8**.

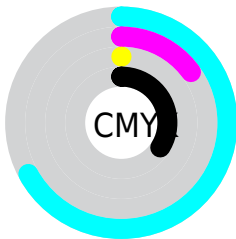
# Distribution



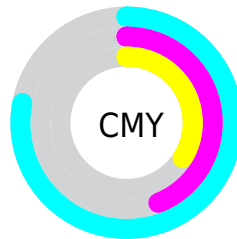
- Red (22%)
- Green (56%)
- Blue (66%)



- Red (22%)
- Yellow (41%)
- Blue (66%)



- Cyan (67%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (78%)
- Magenta (44%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 388FA8 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 388FA8 by changing the saturation by 10% instead.



 388FA8

 388FA8

FFFFFF

 0E758E

 74C5DF

 005D74

 90E1FC

 00455B

 ADFEFF

 002E44

 CAFFFF

 001B2D

 E8FFFF

 000119

 000000

 388FA8

 388FA8

 278BA8

 4993A8

■ 1688A8

■ 5A96A8

■ 0684A8

■ 6A9AA8

■ 0083A8

■ 7B9EA8

■ 8CA2A8

■ 9DA5A8

■ AEA9A8

■ BEADA8

■ CFB1A8

# Harmonies

## Analogous

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



369294



388FA8



5789B3

# Triad

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



388FA8



AE738E



858857

# Complementary

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



388FA8



A85138

# 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.



9D8056



388FA8



B47376

# Square

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



388FA8



9B79A4



AD7862



6A8E65

# Rectangle

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



388FA8



7084B3



AD7862



8E8655



# Sweetspot

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



388FA8



AFD2DB



38A850



53686E



EDEDED



6E6E6E



# Same Dimension

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



388FA8



2CB4DB



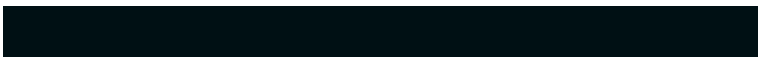
3858A8



4C5254



007394



001014



# Inverse Universe

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



A8388F



DB2CB4



A88838



544C52



940073



140010



# Previews

## White Background



This preview shows how the Hex color 388FA8 looks on a white background.

## Color Contrast Check

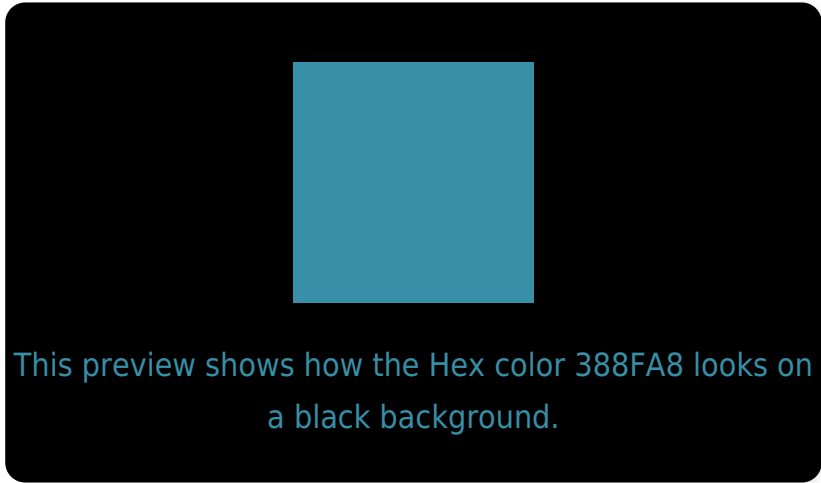
Large Text (above 18pt) WCAG AA ✓ Pass

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

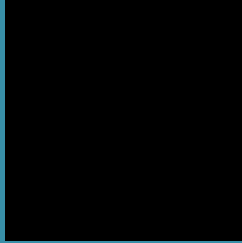
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 388FA8 Background



This preview shows how black text looks on a background with the Hex color 388FA8.

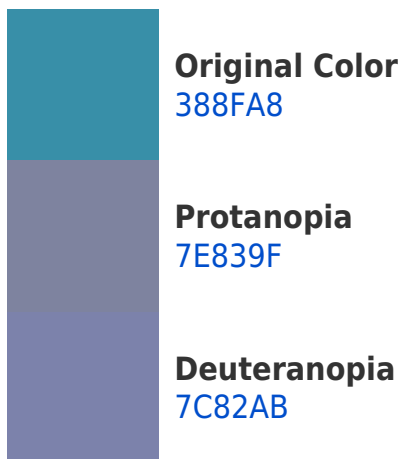


This preview shows how white text looks on a background with the Hex color 388FA8.

# 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](#).

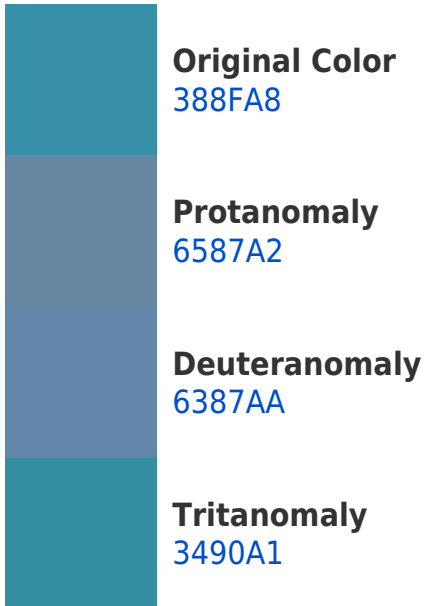
## Dichromacy





**Tritanopia**  
32919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 388FA8 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 #388FA8 looks like.

```
.text, #text, p{  
    color:#388FA8  
}
```

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 #388FA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #388FA8  
}
```

## Border

The CSS property to change the border of an element to Hex 388FA8 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  
#388FA8 }
```

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

```
.border{ border-color:#388FA8 }
```

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

Here you see how a box with a 4 pixel #388FA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #388FA8; -webkit-box-shadow:4px 4px  
4px 4px #388FA8; box-shadow:4px 4px 4px  
4px #388FA8 }
```

# Background

The CSS property to change the background color of an element to Hex 388FA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#388FA8 }
```

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

```
.background{ background-color:#388FA8 }
```

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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