

# Converting Colors

Hex(38A3C2)

Have a look what the booklet for  
Hex(38A3C2) contains.

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# **Color**

**Hex(38A3C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38A3C2
RGB	56, 163, 194
RGB Percent	22%, 64%, 76%
CMY	0.7804, 0.3608, 0.2392
CMYK	0.71, 0.16, 0.00, 0.24
HSL	193°, 55%, 49%
HSV	193°, 71%, 76%
XYZ	24.4657, 30.9302, 55.7196
YIQ	134.5410, -73.7230, -13.0430

# Conversions

## Conversions Part 2

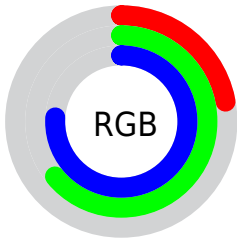
Format	Color
R <sub>Y</sub> B	56, 116, 194
Decimal	3711938
CIE <sub>Lab</sub>	62.45, -20.08, -24.72
CIE <sub>LCh</sub>	62, 31.845, 230.909
Y <sub>xy</sub>	30.9302, 0.2202, 0.2784
Android (android.graphics.Color)	4281902018 (0xFF38A3C2)
YUV	134.5410, 29.3133, -68.8805
Hunter-Lab	55.6149, -18.8017, -20.4712

# Details

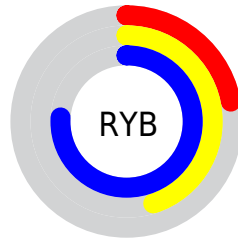
The Hex color **38A3C2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C25738**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **78DAFB**, and **006F8C** is the 20% darker color. If you saturate the color by 10%, you get **259FC2**, and if you desaturate by 10%, it is **4BA7C2**.

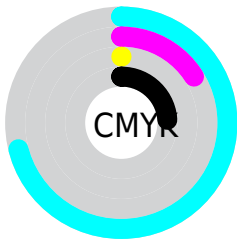
# Distribution



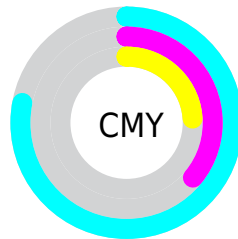
- Red (22%)
- Green (64%)
- Blue (76%)



- Red (22%)
- Yellow (45%)
- Blue (76%)



- Cyan (71%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (78%)
- Magenta (36%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38A3C2 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 38A3C2 by changing the saturation by 10% instead.



 38A3C2

 38A3C2

FFFFFF

 0089A7

 78DAFB

 006F8C

 96F7FF

 005773

 B4FFFF

 003F5A

 D2FFFF

 002942

 F0FFFF

 00122C

 000117

 000000

 38A3C2

 38A3C2

■ 259FC2

■ 4BA7C2

■ 119AC2

■ 5FACC2

■ 0096C2

■ 72B0C2

■ 86B4C2

■ 99B9C2

■ ACBDC2

■ C0C2C2

■ D3C6C2

■ E7CAC2

# Harmonies

## Analogous

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



33A6AA



38A3C2



629CCE

# Triad

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



38A3C2



C982A1



969B61

# Complementary

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



38A3C2



C25738

# 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.



B2925F



38A3C2



CF8284

# Square

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



38A3C2



B289BB



C6896C



76A272

# Rectangle

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



38A3C2



8096CE



C6896C



A0995F

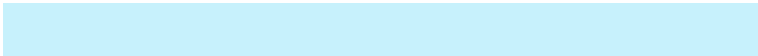


# Sweetspot

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



38A3C2



C7F1FC



38C256



607880



000000



808080



# Same Dimension

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



38A3C2



26CCFC



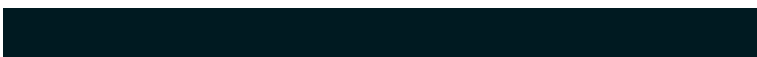
385FC2



575F61



007DA1



001A21



# Inverse Universe

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



C238A3



FC26CC



C29B38



61575F



A1007D



21001A



# Previews

## White Background



This preview shows how the Hex color 38A3C2 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 38A3C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

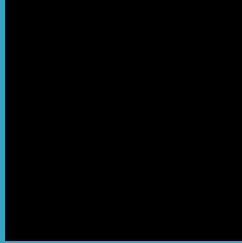
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 38A3C2 Background



This preview shows how black text looks on a background with the Hex color 38A3C2.

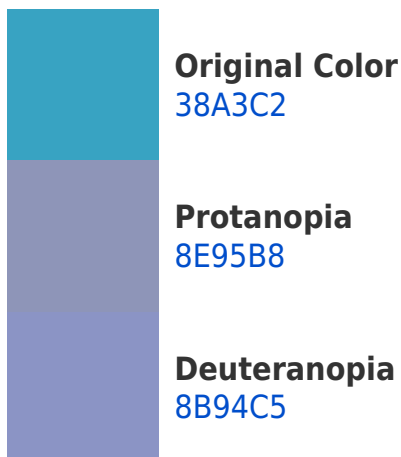


This preview shows how white text looks on a background with the Hex color 38A3C2.

# 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](#).

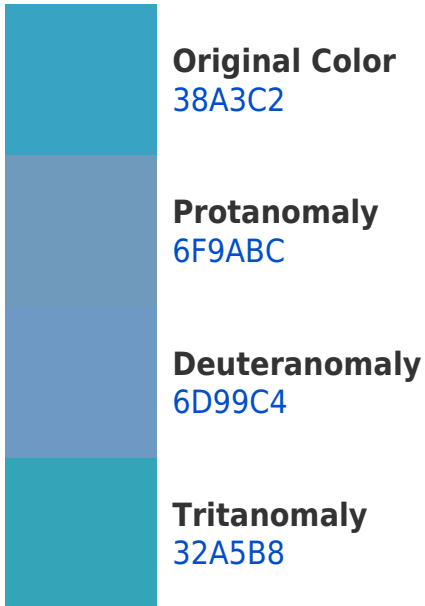
## Dichromacy





**Tritanopia**  
2EA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38A3C2 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 #38A3C2 looks like.

```
.text, #text, p{  
    color:#38A3C2  
}
```

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 #38A3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A3C2
}
```

## Border

The CSS property to change the border of an element to Hex 38A3C2 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
#38A3C2 }
```

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

```
.border{ border-color:#38A3C2 }
```

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

Here you see how a box with a 4 pixel #38A3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A3C2; -webkit-box-shadow:4px 4px  
4px 4px #38A3C2; box-shadow:4px 4px 4px  
4px #38A3C2 }
```

# Background

The CSS property to change the background color of an element to Hex 38A3C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A3C2 }
```

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

```
.background{ background-color:#38A3C2 }
```

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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