

# Converting Colors

Hex(38C0D1)

Have a look what the booklet for  
Hex(38C0D1) contains.

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# **Color**

**Hex(38C0D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38C0D1
RGB	56, 192, 209
RGB Percent	22%, 75%, 82%
CMY	0.7804, 0.2471, 0.1804
CMYK	0.73, 0.08, 0.00, 0.18
HSL	187°, 62%, 52%
HSV	187°, 73%, 82%
XYZ	31.9891, 43.1435, 66.9631
YIQ	153.2740, -86.5130, -23.5450

# Conversions

## Conversions Part 2

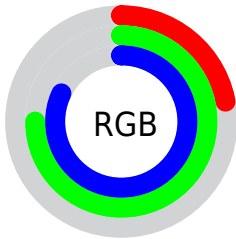
Format	Color
R <sub>YB</sub>	56, 128, 209
Decimal	3719377
CIE Lab	71.65, -30.02, -18.96
CIE LCh	72, 35.500, 212.275
Yxy	43.1435, 0.2251, 0.3036
Android (android.graphics.Color)	4281909457 (0xFF38C0D1)
YUV	153.2740, 27.4729, -85.3093
Hunter-Lab	65.6837, -28.0137, -14.4663

# Details

The Hex color **38C0D1** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D14938**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7DF9FF**, and **008A9B** is the 20% darker color. If you saturate the color by 10%, you get **23BED1**, and if you desaturate by 10%, it is **4DC2D1**.

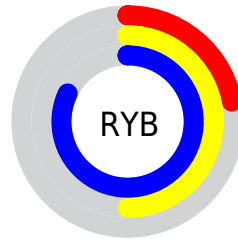
# Distribution



Red (22%)

Green (75%)

Blue (82%)



Red (22%)

Yellow (50%)

Blue (82%)

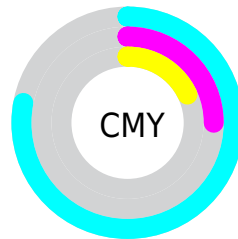


Cyan (73%)

Magenta (8%)

Yellow (0%)

Black (18%)



Cyan (78%)

Magenta (25%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38C0D1 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 38C0D1 by changing the saturation by 10% instead.



 38C0D1

 38C0D1

FFFFFF

 00A5B5

 7DF9FF

 008A9B

 9CFFFF

 007081

 BAFFFF

 005767

 D9FFFF

 003F4F

 F8FFFF

 002938

 000D23

 00000B

 000000

■ 38C0D1

■ 38C0D1

■ 23BED1

■ 4DC2D1

■ 0EBBD1

■ 62C5D1

■ 00BAD1

■ 77C7D1

■ 8CC9D1

■ A1CCD1

■ B5CED1

■ CAD0D1

■ DFD3D1

■ F4D5D1

# Harmonies

## Analogous

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



52C1B1



38C0D1



53BBE8

# Triad

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



38C0D1



DB9CCE



C3AE6E

# Complementary

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



38C0D1



D14938

# 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.



DEA377



38C0D1



ED97AE

# Square

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



38C0D1



B7A6E6



EE9A8F



A1B878

# Rectangle

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



38C0D1



75B5EF



EE9A8F



CDAB6F



# Sweetspot

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



38C0D1



C7F9FF



38D147



5E7C80



000000



808080



# Same Dimension

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



38C0D1



1FE6FF



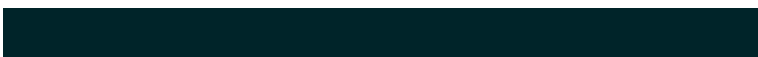
3875D1



5E6769



0096A8



002429



# Inverse Universe

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



D138C0



FF1FE6



D19438



695E67



A80096

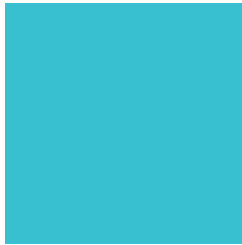


290024



# Previews

## White Background



This preview shows how the Hex color 38C0D1 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 38C0D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

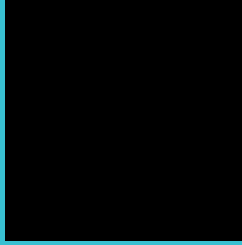
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 38C0D1 Background



This preview shows how black text looks on a background with the Hex color 38C0D1.

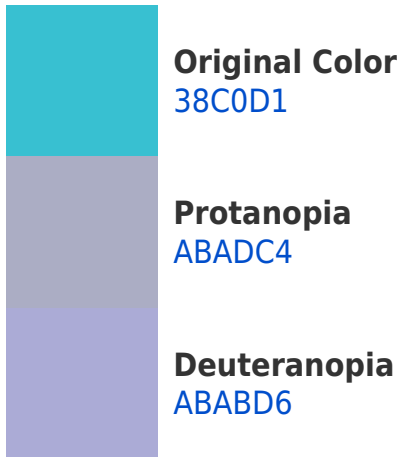


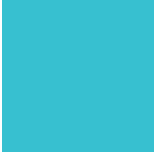
This preview shows how white text looks on a background with the Hex color 38C0D1.

# 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](#).

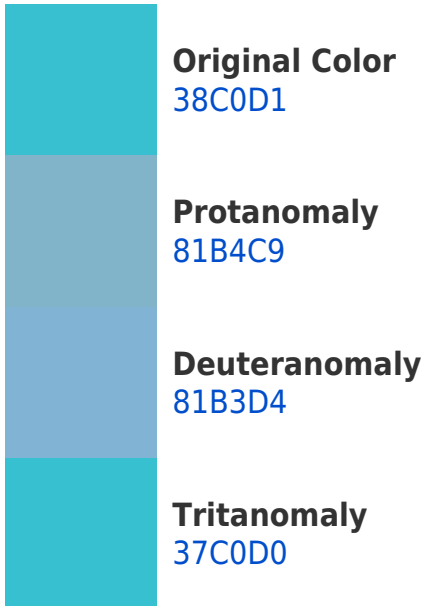
## Dichromacy





**Tritanopia**  
37C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38C0D1 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 #38C0D1 looks like.

```
.text, #text, p{  
    color:#38C0D1  
}
```

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 #38C0D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38C0D1  
}
```

## Border

The CSS property to change the border of an element to Hex 38C0D1 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  
#38C0D1 }
```

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

```
.border{ border-color:#38C0D1 }
```

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

Here you see how a box with a 4 pixel #38C0D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38C0D1; -webkit-box-shadow:4px 4px  
4px 4px #38C0D1; box-shadow:4px 4px 4px  
4px #38C0D1 }
```

# Background

The CSS property to change the background color of an element to Hex 38C0D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38C0D1 }
```

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

```
.background{ background-color:#38C0D1 }
```

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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