

# Converting Colors

Hex(38D6C7)

Have a look what the booklet for  
Hex(38D6C7) contains.

<b>Hex(38D6C7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(38D6C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38D6C7
RGB	56, 214, 199
RGB Percent	22%, 84%, 78%
CMY	0.7804, 0.1608, 0.2196
CMYK	0.74, 0.00, 0.07, 0.16
HSL	174°, 66%, 53%
HSV	174°, 74%, 84%
XYZ	35.9863, 53.0574, 62.3773
YIQ	165.0480, -89.3530, -38.1610

# Conversions

## Conversions Part 2

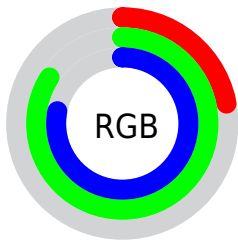
Format	Color
<a href="#">RYB</a>	<a href="#">56, 139, 214</a>
Decimal	<a href="#">3724999</a>
CIELab	<a href="#">77.91, -43.06, -4.19</a>
CIELCh	<a href="#">78, 43.266, 185.563</a>
Yxy	<a href="#">53.0574, 0.2377, 0.3504</a>
Android (android.graphics.Color)	<a href="#">4281915079 (0xFF38D6C7)</a>
YUV	<a href="#">165.0480, 16.7383, -95.6351</a>
Hunter-Lab	<a href="#">72.8405, -39.2844, 0.2151</a>

# Details

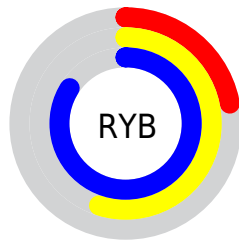
The Hex color **38D6C7** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **D63847**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7FFFFFFF**, and **009E91** is the 20% darker color. If you saturate the color by 10%, you get **23D6C5**, and if you desaturate by 10%, it is **4DD6C9**.

# Distribution



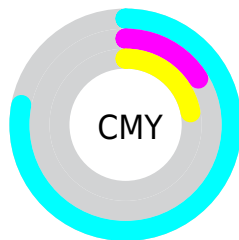
- Red (22%)
- Green (84%)
- Blue (78%)



- Red (22%)
- Yellow (55%)
- Blue (84%)



- Cyan (74%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (78%)
- Magenta (16%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38D6C7 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 38D6C7 by changing the saturation by 10% instead.




 38D6C7

 38D6C7

FFFFFF

 00BAAC


 7FFFFFFF

 009E91

 9EFFFF

 008478

 BDFFFF

 006A5F

 DCFFFF

 005147

 FBFFFF

 003831

 00231C

 000001

 000000

■ 38D6C7

■ 38D6C7

■ 23D6C5

■ 4DD6C9

■ 0DD6C3

■ 63D6CB

■ 00D6C2

■ 78D6CD

■ 8ED6CF

■ A3D6D1

■ B8D6D3

■ CED6D5

■ E3D6D7

■ F9D6D9

# Harmonies

## Analogous

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



77D39E



38D6C7



00D4EE

# Triad

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



38D6C7



CFB3FF



F6B378

# Complementary

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



38D6C7



D63847

# 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.



FFA694



38D6C7



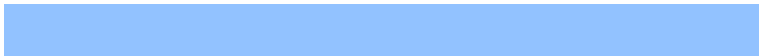
F9A6E3

# Square

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



38D6C7



92C2FF



FFA1BB



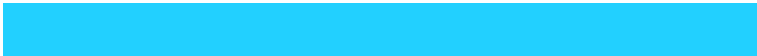
D3C170

# Rectangle

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



38D6C7



22D0FF



FFA1BB



FFAE80

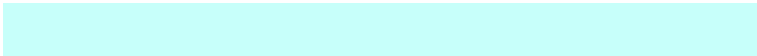


# Sweetspot

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



38D6C7



C7FFFA



48D638



5E807C



000000



808080



# Same Dimension

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



38D6C7



1CFFE9



3897D6



606B6A



00AB9B



002B27



# Inverse Universe

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



D63847



FF1C32



D67738



6B6061



AB0010

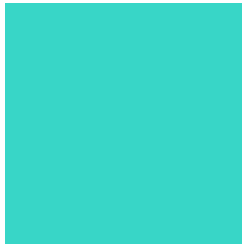


2B0004



# Previews

## White Background



This preview shows how the Hex color 38D6C7 looks on a white background.

## Color Contrast Check

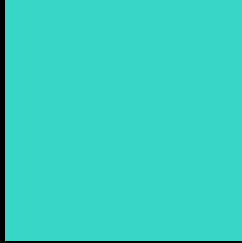
Large Text (above 18pt) WCAG AA × Fail

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 38D6C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

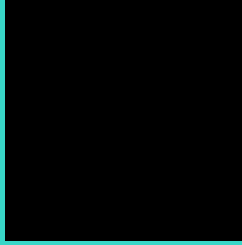
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

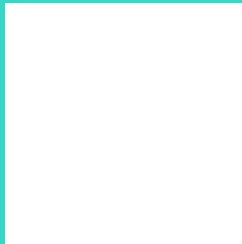
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38D6C7 Background



This preview shows how black text looks on a background with the Hex color 38D6C7.

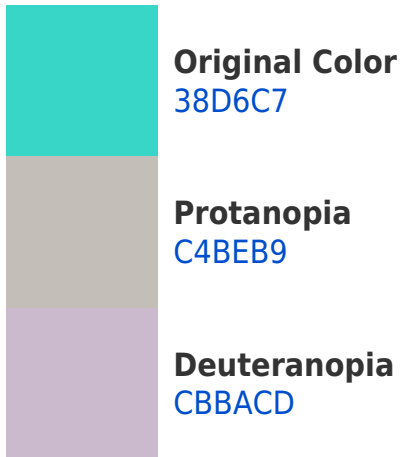


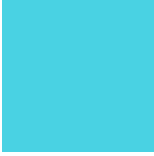
This preview shows how white text looks on a background with the Hex color 38D6C7.

# 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**  
49D2E3

# Trichromacy



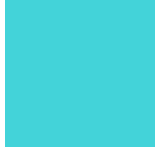
**Original Color**  
38D6C7



**Protanomaly**  
91C7BE



**Deuteranomaly**  
96C4CB

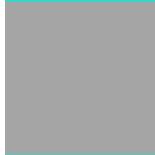


**Tritanomaly**  
43D3D9

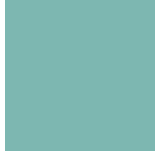
# Monochromacy



**Original Color**  
38D6C7



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
7DB7B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38D6C7 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 #38D6C7 looks like.

```
.text, #text, p{  
    color:#38D6C7  
}
```

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 #38D6C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38D6C7
}
```

## Border

The CSS property to change the border of an element to Hex 38D6C7 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
#38D6C7 }
```

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

```
.border{ border-color:#38D6C7 }
```

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

Here you see how a box with a 4 pixel #38D6C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38D6C7; -webkit-box-shadow:4px 4px  
4px 4px #38D6C7; box-shadow:4px 4px 4px  
4px #38D6C7 }
```

# Background

The CSS property to change the background color of an element to Hex 38D6C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38D6C7 }
```

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

```
.background{ background-color:#38D6C7 }
```

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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