

# Converting Colors

Hex(38D6AC)

Have a look what the booklet for  
Hex(38D6AC) contains.

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**Color**

**Hex(38D6AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38D6AC
RGB	56, 214, 172
RGB Percent	22%, 84%, 67%
CMY	0.7804, 0.1608, 0.3255
CMYK	0.74, 0.00, 0.20, 0.16
HSL	164°, 66%, 53%
HSV	164°, 74%, 84%
XYZ	33.1238, 51.9124, 47.3040
YIQ	161.9700, -80.6860, -46.5580

# Conversions

## Conversions Part 2

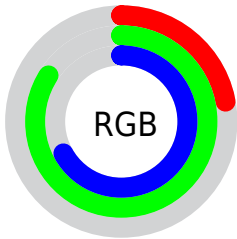
Format	Color
<a href="#">RYB</a>	56, 147, 214
Decimal	3724972
CIELab	77.23, -49.99, 9.26
CIELCh	77, 50.837, 169.501
Yxy	51.9124, 0.2503, 0.3923
Android (android.graphics.Color)	4281915052 (0xFF38D6AC)
YUV	161.9700, 4.9448, -92.9357
Hunter-Lab	72.0503, -44.0258, 11.5088

# Details

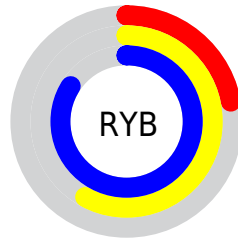
The Hex color **38D6AC** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D63862**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **7DFFE3**, and **009E78** is the 20% darker color. If you saturate the color by 10%, you get **23D6A6**, and if you desaturate by 10%, it is **4DD6B2**.

# Distribution



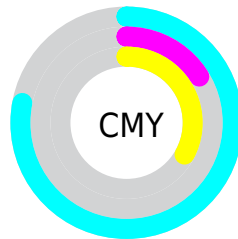
- Red (22%)
- Green (84%)
- Blue (67%)



- Red (22%)
- Yellow (58%)
- Blue (84%)



- Cyan (74%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (78%)
- Magenta (16%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38D6AC 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 38D6AC by changing the saturation by 10% instead.



 38D6AC

 38D6AC

FFFFFF

 00BA91

 7DFFE3

 009E78

 9CFFF

 00835F

 BBFFF

 006947

 D9FFF

 005031

 F8FFF

 00381C

 002102

 000000

 38D6AC

 38D6AC

■ 23D6A6

■ 4DD6B2

■ 0DD6A1

■ 63D6B7

■ 00D69D

■ 78D6BD

■ 8ED6C3

■ A3D6C8

■ B8D6CE

■ CED6D4

■ E3D6DA

■ F9D6DF

# Harmonies

## Analogous

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



87D080



38D6AC



00D7DD

# Triad

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



38D6AC



A9B9FF



FFA579

# Complementary

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



38D6AC



D63862

# 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.



FF99A2



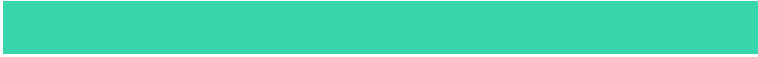
38D6AC



E9A7FC

# Square

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



38D6AC



44C9FF



FF9AD1



EAB661

# Rectangle

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



38D6AC



00D5F9



FF9AD1



FFA085

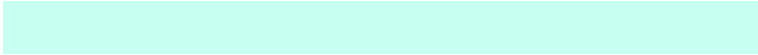


# Sweetspot

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



38D6AC



C7FFF0



62D638



5E8077



000000



808080



# Same Dimension

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



38D6AC



1CFFC3



38B1D6



606B68



00AB7D



002B20



# Inverse Universe

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



D63862



FF1C58



D65D38



6B6063



AB002D

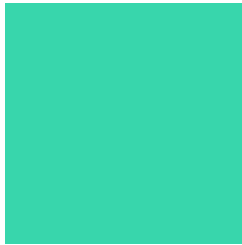


2B000C



# Previews

## White Background



This preview shows how the Hex color 38D6AC looks on a white background.

## Color Contrast Check

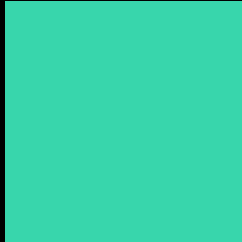
Large Text (above 18pt) WCAG AA × Fail

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 38D6AC 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

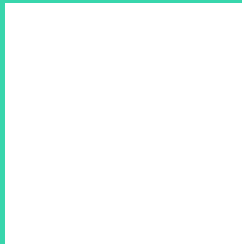
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38D6AC Background



This preview shows how black text looks on a background with the Hex color 38D6AC.

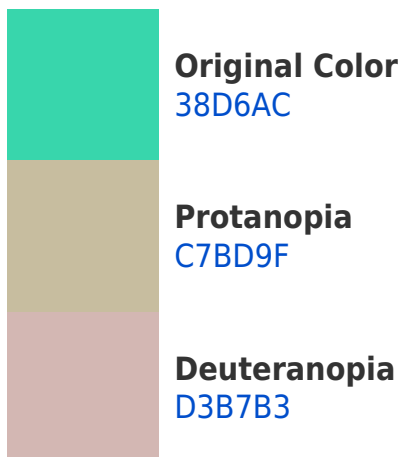


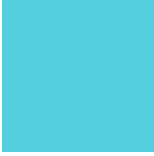
This preview shows how white text looks on a background with the Hex color 38D6AC.

# 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



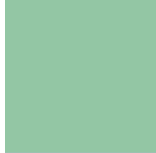


**Tritanopia**  
53CFE0

# Trichromacy



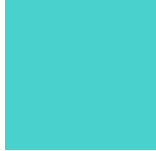
**Original Color**  
38D6AC



**Protanomaly**  
93C6A4

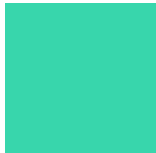


**Deuteranomaly**  
9BC2B0

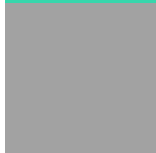


**Tritanomaly**  
49D2CD

# Monochromacy



**Original Color**  
38D6AC



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
7BB5A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38D6AC 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 #38D6AC looks like.

```
.text, #text, p{  
    color:#38D6AC  
}
```

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 #38D6AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38D6AC
}
```

## Border

The CSS property to change the border of an element to Hex 38D6AC 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
#38D6AC }
```

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

```
.border{ border-color:#38D6AC }
```

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

Here you see how a box with a 4 pixel #38D6AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38D6AC; -webkit-box-shadow:4px 4px  
4px 4px #38D6AC; box-shadow:4px 4px 4px  
4px #38D6AC }
```

# Background

The CSS property to change the background color of an element to Hex 38D6AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38D6AC }
```

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

```
.background{ background-color:#38D6AC }
```

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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