

# Converting Colors

Hex(38DAB4)

Have a look what the booklet for  
Hex(38DAB4) contains.

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# Color

**Hex(38DAB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38DAB4
RGB	56, 218, 180
RGB Percent	22%, 85%, 71%
CMY	0.7804, 0.1451, 0.2941
CMYK	0.74, 0.00, 0.17, 0.15
HSL	166°, 69%, 54%
HSV	166°, 74%, 85%
XYZ	34.9405, 54.2788, 51.8153
YIQ	165.2300, -84.3540, -46.1620

# Conversions

## Conversions Part 2

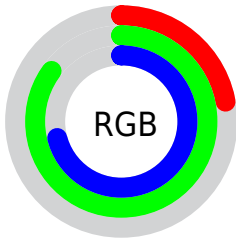
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 148, 218
Decimal	3726004
CIELab	78.62, -49.68, 7.00
CIELCh	79, 50.174, 171.981
Yxy	54.2788, 0.2477, 0.3849
Android (android.graphics.Color)	4281916084 (0xFF38DAB4)
YUV	165.2300, 7.2816, -95.7947
Hunter-Lab	73.6742, -44.2749, 9.8730

# Details

The Hex color **38DAB4** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DA385E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7EFFEC**, and **00A27F** is the 20% darker color. If you saturate the color by 10%, you get **22DAAF**, and if you desaturate by 10%, it is **4EDAB9**.

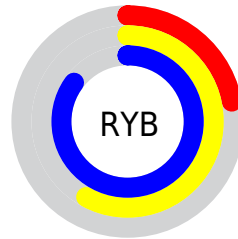
# Distribution



Red (22%)

Green (85%)

Blue (71%)



Red (22%)

Yellow (58%)

Blue (85%)

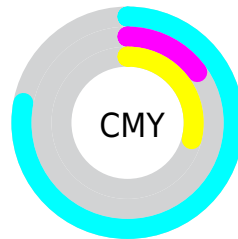


Cyan (74%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (78%)

Magenta (15%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38DAB4 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 38DAB4 by changing the saturation by 10% instead.



 38DAB4

 38DAB4

FFFFFF

 00BE99

 7EFEC

 00A27F

 9DFFF

 008766

 BCFFF

 006D4E

 DBFFF

 005337

 FAFFF

 003B22

 00250D

 000000

 38DAB4

 38DAB4

■ 22DAAF

■ 4EDAB9

■ 0CDAAA

■ 64DABE

■ 00DAA7

■ 79DAC3

■ 8FDAC8

■ A5DACE

■ BBDAD3

■ D1DAD8

■ E6DADD

■ FCDAE2

# Harmonies

## Analogous

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



86D587



38DAB4



00DAE4

# Triad

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



38DAB4



B4BBFF



FFAB7B

# Complementary

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



38DAB4



DA385E

# 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.



FF9EA2



38DAB4



F1AAFD

# Square

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



38DAB4



58CBFF



FF9ED1



EABC65

# Rectangle

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



38DAB4



00D8FF



FF9ED1



FFA686

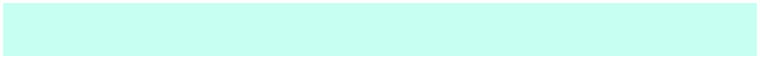


# Sweetspot

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



38DAB4



C7FFF2



60DA38



5E8078



000000



808080



# Same Dimension

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



38DAB4



1CFFCA



38B2DA



636E6B



00AD85



002E23



# Inverse Universe

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



DA385E



FF1C51



DA6038



6E6365



AD0029

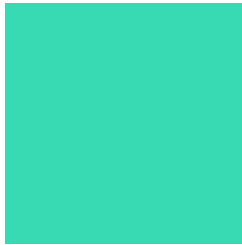


2E000B



# Previews

## White Background



This preview shows how the Hex color 38DAB4 looks on a white background.

## Color Contrast Check

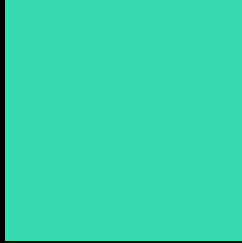
Large Text (above 18pt) WCAG AA × Fail

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 38DAB4 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

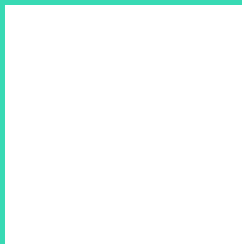
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38DAB4 Background



This preview shows how black text looks on a background with the Hex color 38DAB4.

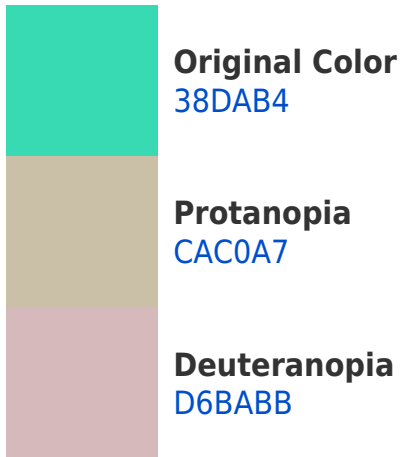


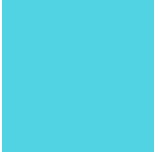
This preview shows how white text looks on a background with the Hex color 38DAB4.

# 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**  
52D3E4

# Trichromacy



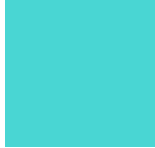
**Original Color**  
38DAB4



**Protanomaly**  
95C9AC



**Deuteranomaly**  
9DC6B8



**Tritanomaly**  
49D6D3

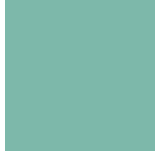
# Monochromacy



**Original Color**  
38DAB4



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
7DB8AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38DAB4 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 #38DAB4 looks like.

```
.text, #text, p{  
    color:#38DAB4  
}
```

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 #38DAB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38DAB4
}
```

## Border

The CSS property to change the border of an element to Hex 38DAB4 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
#38DAB4 }
```

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

```
.border{ border-color:#38DAB4 }
```

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

Here you see how a box with a 4 pixel #38DAB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38DAB4; -webkit-box-shadow:4px 4px  
4px 4px #38DAB4; box-shadow:4px 4px 4px  
4px #38DAB4 }
```

# Background

The CSS property to change the background color of an element to Hex 38DAB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38DAB4 }
```

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

```
.background{ background-color:#38DAB4 }
```

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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