

# Converting Colors

Hex(38B4B4)

Have a look what the booklet for  
Hex(38B4B4) contains.

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**Color**

**Hex(38B4B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38B4B4
RGB	56, 180, 180
RGB Percent	22%, 71%, 71%
CMY	0.7804, 0.2941, 0.2941
CMYK	0.69, 0.00, 0.00, 0.29
HSL	180°, 53%, 46%
HSV	180°, 69%, 71%
XYZ	26.1904, 36.7786, 48.8986
YIQ	142.9240, -73.9040, -26.2880

# Conversions

## Conversions Part 2

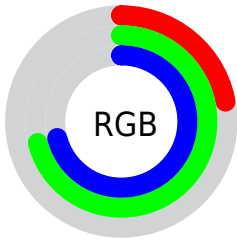
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	56, 118, 180
Decimal	3716276
CIE Lab	67.11, -32.87, -9.86
CIE LCh	67, 34.318, 196.705
Yxy	36.7786, 0.2341, 0.3288
Android (android.graphics.Color)	4281906356 (0xFF38B4B4)
YUV	142.9240, 18.2785, -76.2323
Hunter-Lab	60.6453, -29.0421, -5.3541

# Details

The Hex color **38B4B4** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B43838**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **79ECEC**, and **007F7F** is the 20% darker color. If you saturate the color by 10%, you get **26B4B4**, and if you desaturate by 10%, it is **4AB4B4**.

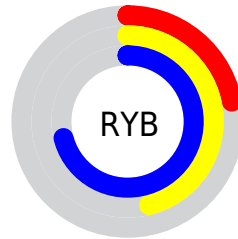
# Distribution



Red (22%)

Green (71%)

Blue (71%)



Red (22%)

Yellow (46%)

Blue (71%)

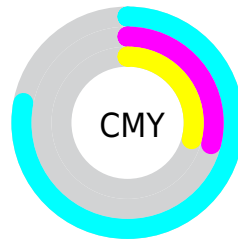


Cyan (69%)

Magenta (0%)

Yellow (0%)

Black (29%)



Cyan (78%)

Magenta (29%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38B4B4 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 38B4B4 by changing the saturation by 10% instead.



 38B4B4

 38B4B4

FFFFFF

 009999

 79ECEC

 007F7F

 97FFFF

 006566

 B4FFFF

 004D4E

 D2FFFF

 003538

 F0FFFF

 002122

 00000C

 000000

 38B4B4

 38B4B4

 26B4B4

 4AB4B4

 14B4B4

 5CB4B4

 02B4B4

 6EB4B4

 00B4B4

 80B4B4

 92B4B4

 A4B4B4

 B6B4B4

 C8B4B4

 DAB4B4

# Harmonies

## Analogous

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



5EB394



38B4B4



35B1CF

# Triad

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



38B4B4



BD95CE



C49D67

# Complementary

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



38B4B4



B43838

# 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.



D99278



38B4B4



D78DB2

# Square

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



38B4B4



93A0DE



E08C93



A7A767

# Rectangle

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



38B4B4



50ADD8



E08C93



CC9966



# Sweetspot

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



38B4B4



B9EBEB



38B438



587575



F5F5F5



757575



# Same Dimension

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



38B4B4



28EBEB



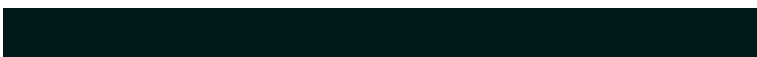
3876B4



505959



009999



001A1A



# Inverse Universe

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



B438B4



EB28EB



B47638



595059



990099



1A001A



# Previews

## White Background



This preview shows how the Hex color 38B4B4 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 38B4B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

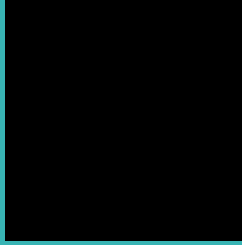
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

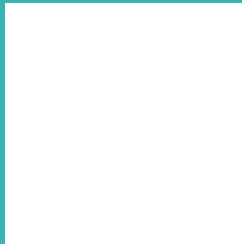
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38B4B4 Background



This preview shows how black text looks on a background with the Hex color 38B4B4.

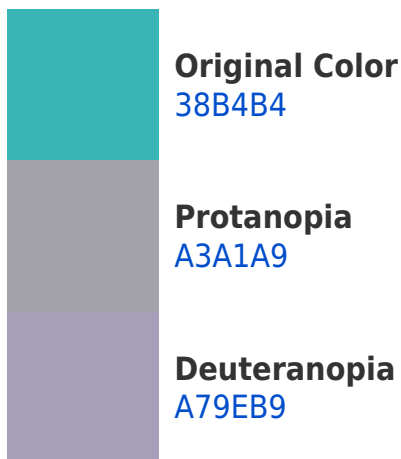


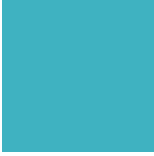
This preview shows how white text looks on a background with the Hex color 38B4B4.

# 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](#).

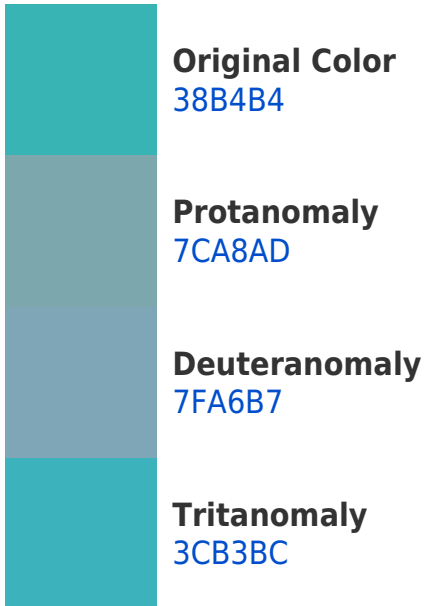
## Dichromacy





**Tritanopia**  
3FB2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38B4B4 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 #38B4B4 looks like.

```
.text, #text, p{  
  color:#38B4B4  
}
```

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 #38B4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38B4B4
}
```

## Border

The CSS property to change the border of an element to Hex 38B4B4 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
#38B4B4 }
```

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

```
.border{ border-color:#38B4B4 }
```

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

Here you see how a box with a 4 pixel #38B4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38B4B4; -webkit-box-shadow:4px 4px  
4px 4px #38B4B4; box-shadow:4px 4px 4px  
4px #38B4B4 }
```

# Background

The CSS property to change the background color of an element to Hex 38B4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38B4B4 }
```

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

```
.background{ background-color:#38B4B4 }
```

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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