

# Converting Colors

Hex(38B678)

Have a look what the booklet for  
Hex(38B678) contains.

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**Color**

**Hex(38B678)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38B678
RGB	56, 182, 120
RGB Percent	22%, 71%, 47%
CMY	0.7804, 0.2863, 0.5294
CMYK	0.69, 0.00, 0.34, 0.29
HSL	150°, 53%, 47%
HSV	150°, 69%, 71%
XYZ	21.7490, 35.6527, 23.5047
YIQ	137.2580, -55.1940, -45.9940

# Conversions

## Conversions Part 2

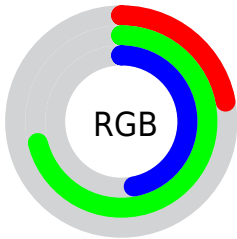
Format	Color
<a href="#">RYB</a>	<a href="#">56, 140, 182</a>
Decimal	<a href="#">3716728</a>
CIELab	<a href="#">66.25, -48.72, 21.84</a>
CIELCh	<a href="#">66, 53.390, 155.853</a>
Yxy	<a href="#">35.6527, 0.2688, 0.4407</a>
Android (android.graphics.Color)	<a href="#">4281906808 (0xFF38B678)</a>
YUV	<a href="#">137.2580, -8.5082, -71.2633</a>
Hunter-Lab	<a href="#">59.7099, -39.4747, 18.4575</a>

# Details

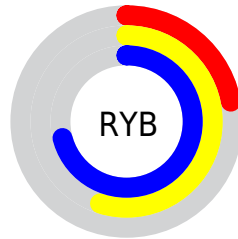
The Hex color **38B678** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B63876**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **76EFAD**, and **008047** is the 20% darker color. If you saturate the color by 10%, you get **26B66F**, and if you desaturate by 10%, it is **4AB681**.

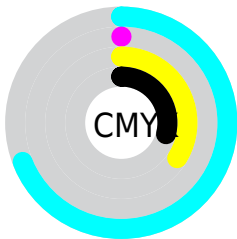
# Distribution



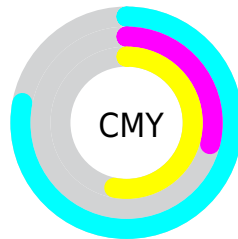
- Red (22%)
- Green (71%)
- Blue (47%)



- Red (22%)
- Yellow (55%)
- Blue (71%)



- Cyan (69%)
- Magenta (0%)
- Yellow (34%)
- Black (29%)



- Cyan (78%)
- Magenta (29%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38B678 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 38B678 by changing the saturation by 10% instead.





38B678



38B678

FFFFFF



069B5F



76EFAD



008047



93FFC8



006630



B1FFE4



004D1A



CEFFFF



003502



ECFFFF



001E00



000000



38B678



38B678



26B66F



4AB681

■ 14B666

■ 5CB68A

■ 01B65D

■ 6FB693

■ 00B65C

■ 81B69C

■ 93B6A5

■ A5B6AE

■ B7B6B7

■ CAB6C0

■ DCB6C9

# Harmonies

## Analogous

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



81AE50



38B678



00B9A9

# Triad

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



38B678



59A3FF



F57F6B

# Complementary

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



38B678



B63876

# 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.



F97799



38B678



B091EF

# Square

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



38B678



00B0F8



E37EC9



DB9049

# Rectangle

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



38B678



00B8C9



E37EC9



F97B7A



# Sweetspot

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



38B678



BBEDD5



77B638



5A7869



F7F7F7



787878



# Same Dimension

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



38B678



28ED8C



38B6B6



535C57



009C4F



001C0E



# Inverse Universe

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



B63876



ED2889



B63838



5C5357



9C004D



1C000E



# Previews

## White Background



This preview shows how the Hex color 38B678 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 38B678 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

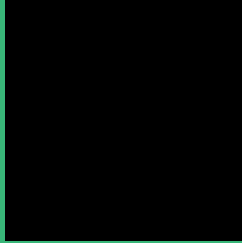
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 38B678 Background



This preview shows how black text looks on a background with the Hex color 38B678.

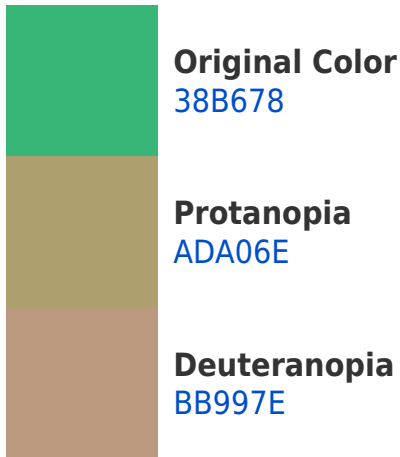


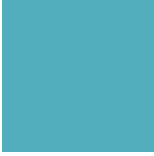
This preview shows how white text looks on a background with the Hex color 38B678.

# 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](#).

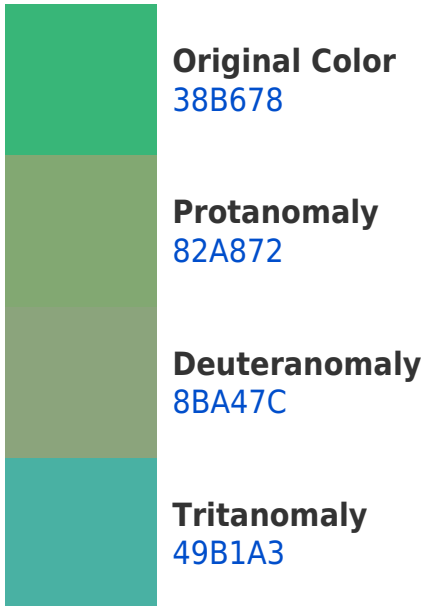
## Dichromacy





**Tritanopia**  
52AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38B678 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 #38B678 looks like.

```
.text, #text, p{  
    color:#38B678  
}
```

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 #38B678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38B678
}
```

## Border

The CSS property to change the border of an element to Hex 38B678 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
#38B678 }
```

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

```
.border{ border-color:#38B678 }
```

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

Here you see how a box with a 4 pixel #38B678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38B678; -webkit-box-shadow:4px 4px  
4px 4px #38B678; box-shadow:4px 4px 4px  
4px #38B678 }
```

# Background

The CSS property to change the background color of an element to Hex 38B678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38B678 }
```

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

```
.background{ background-color:#38B678 }
```

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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