

# Converting Colors

Hex(38CA86)

Have a look what the booklet for  
Hex(38CA86) contains.

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**Color**

**Hex(38CA86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38CA86
RGB	56, 202, 134
RGB Percent	22%, 79%, 53%
CMY	0.7804, 0.2078, 0.4745
CMYK	0.72, 0.00, 0.34, 0.21
HSL	152°, 58%, 51%
HSV	152°, 72%, 79%
XYZ	27.0545, 44.8030, 29.7762
YIQ	150.5940, -65.1880, -52.1000

# Conversions

## Conversions Part 2

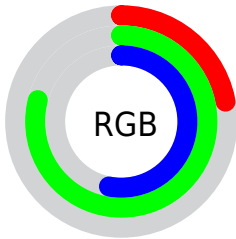
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 151, 202
Decimal	3721862
CIELab	72.76, -53.69, 23.22
CIELCh	73, 58.496, 156.612
Yxy	44.8030, 0.2662, 0.4408
Android (android.graphics.Color)	4281911942 (0xFF38CA86)
YUV	150.5940, -8.1808, -82.9589
Hunter-Lab	66.9351, -44.9885, 20.4793

# Details

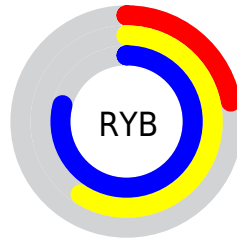
The Hex color **38CA86** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **CA387C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7AFFBC**, and **009354** is the 20% darker color. If you saturate the color by 10%, you get **24CA7D**, and if you desaturate by 10%, it is **4CCA8F**.

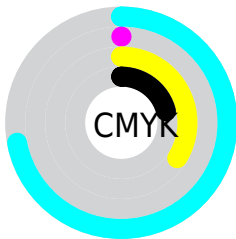
# Distribution



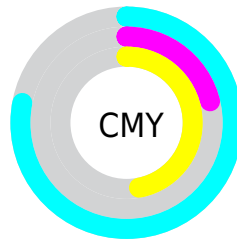
- Red (22%)
- Green (79%)
- Blue (53%)



- Red (22%)
- Yellow (59%)
- Blue (79%)



- Cyan (72%)
- Magenta (0%)
- Yellow (34%)
- Black (21%)



- Cyan (78%)
- Magenta (21%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38CA86 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 38CA86 by changing the saturation by 10% instead.



 38CA86

 38CA86

FFFFFF

 00AE6C

 7AFFBC

 009354

 98FFD7

 00783C

 B6FFF4

 005E25

 D4FFFF

 00450F

 F3FFFF

 002F00

 001100

 000000

 38CA86

 38CA86

■ 24CA7D

■ 4CCA8F

■ 10CA73

■ 60CA99

■ 00CA6C

■ 75CAA2

■ 89CAAC

■ 9DCAB5

■ B1CABE

■ C5CAC8

■ DACAD1

■ EECADB

# Harmonies

## Analogous

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



8DC258



38CA86



00CDBD

# Triad

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



38CA86



64B4FF



FF8D75

# Complementary

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



38CA86



CA387C

# 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.



FF83A9



38CA86



C5A0FF

# Square

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



38CA86



00C3FF



FD8BDE



F2A04F

# Rectangle

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



38CA86



00CDE1



FD8BDE



FF8886

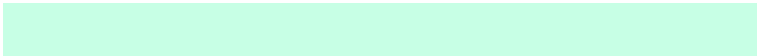


# Sweetspot

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



38CA86



C7FFE5



7CCA38



5E8070



000000



808080



# Same Dimension

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



38CA86



21FF98



38C5CA



5C6661



00A659



002614



# Inverse Universe

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



CA387C



FF2188



CA3D38



665C61



A6004D

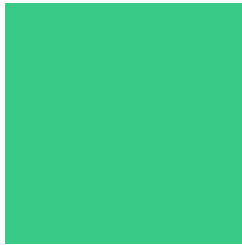


260012



# Previews

## White Background



This preview shows how the Hex color 38CA86 looks on a white background.

## Color Contrast Check

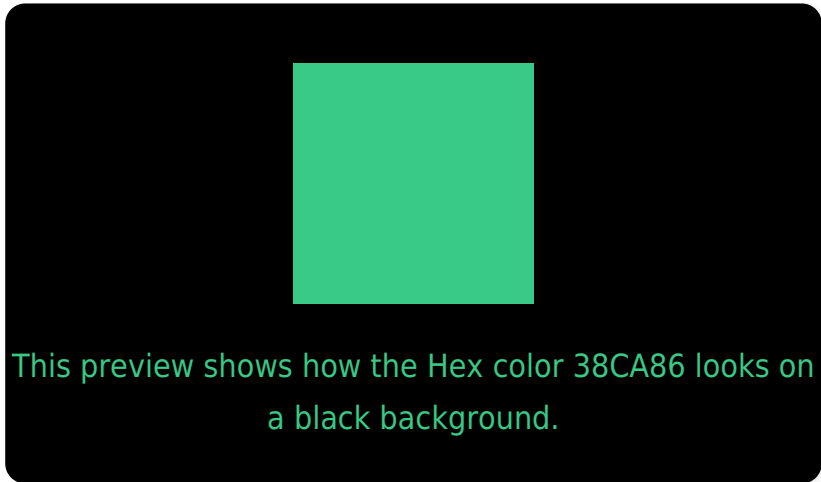
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 38CA86 Background



This preview shows how black text looks on a background with the Hex color 38CA86.

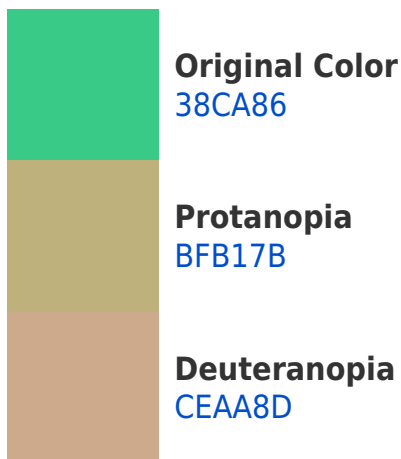


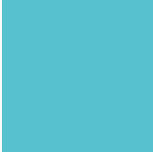
This preview shows how white text looks on a background with the Hex color 38CA86.

# 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**  
57C1D0

# Trichromacy



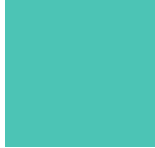
**Original Color**  
38CA86



**Protanomaly**  
8EBA7F



**Deuteranomaly**  
97B68A



**Tritanomaly**  
4CC4B5

# Monochromacy



**Original Color**  
38CA86



**Achromatopsia**  
979797



**Achromatomaly**  
74AA91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38CA86 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 #38CA86 looks like.

```
.text, #text, p{  
    color:#38CA86  
}
```

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 #38CA86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38CA86
}
```

## Border

The CSS property to change the border of an element to Hex 38CA86 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
#38CA86 }
```

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

```
.border{ border-color:#38CA86 }
```

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

Here you see how a box with a 4 pixel #38CA86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38CA86; -webkit-box-shadow:4px 4px  
4px 4px #38CA86; box-shadow:4px 4px 4px  
4px #38CA86 }
```

# Background

The CSS property to change the background color of an element to Hex 38CA86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38CA86 }
```

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

```
.background{ background-color:#38CA86 }
```

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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