

# Converting Colors

Hex(30CF8C)

Have a look what the booklet for  
Hex(30CF8C) contains.

<b>Hex(30CF8C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(30CF8C)

# Conversions

## Conversions Part 1

Format	Color
Hex	30CF8C
RGB	48, 207, 140
RGB Percent	19%, 81%, 55%
CMY	0.8118, 0.1882, 0.4510
CMYK	0.77, 0.00, 0.32, 0.19
HSL	155°, 62%, 50%
HSV	155°, 77%, 81%
XYZ	28.2654, 47.1475, 32.4216
YIQ	151.8210, -73.2570, -54.5450

# Conversions

## Conversions Part 2

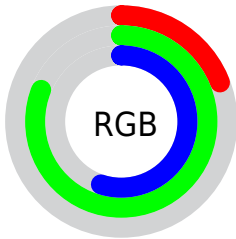
Format	Color
<a href="#">RYB</a>	<a href="#">48, 149, 207</a>
Decimal	<a href="#">3198860</a>
CIELab	<a href="#">74.28, -55.41, 22.11</a>
CIELCh	<a href="#">74, 59.662, 158.250</a>
Yxy	<a href="#">47.1475, 0.2621, 0.4372</a>
Android (android.graphics.Color)	<a href="#">4281388940 (0xFF30CF8C)</a>
YUV	<a href="#">151.8210, -5.8278, -91.0510</a>
Hunter-Lab	<a href="#">68.6640, -46.6830, 20.0694</a>

# Details

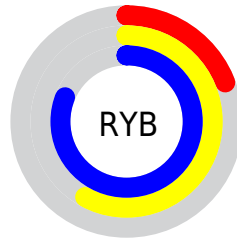
The Hex color **30CF8C** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CF3073**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **76FFC2**, and **009759** is the 20% darker color. If you saturate the color by 10%, you get **1BCF83**, and if you desaturate by 10%, it is **45CF95**.

# Distribution



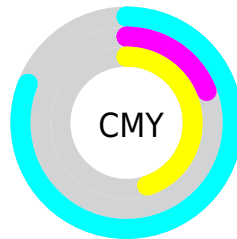
- Red (19%)
- Green (81%)
- Blue (55%)



- Red (19%)
- Yellow (58%)
- Blue (81%)



- Cyan (77%)
- Magenta (0%)
- Yellow (32%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30CF8C 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 30CF8C by changing the saturation by 10% instead.





30CF8C



30CF8C

FFFFFF



00B372



76FFC2



009759



95FFDE



007D42



B4FFFB



00622B



D2FFFF



004915



F1FFFF



003200



001800



000000



30CF8C



30CF8C

 1BCF83

 45CF95

 07CF7B

 59CF9D

 00CF78

 6ECFA6

 83CFAF

 98CFB8

 ACCFC0

 C1CFC9

 D6CFD2

 EACFDB

# Harmonies

## Analogous

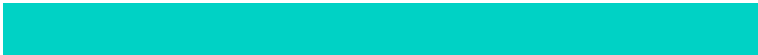
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8DC75C



30CF8C



00D2C5

# Triad

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



30CF8C



6DB8FF



FF9176

# Complementary

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



30CF8C



CF3073

# 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.



FF86AA



30CF8C



CEA2FF

# Square

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



30CF8C



00C7FF



FF8EE1



F6A54F

# Rectangle

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



30CF8C



00D1E9



FF8EE1



FF8C86

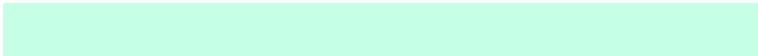


# Sweetspot

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



30CF8C



C4FFE6



75CF30



5C8070



000000



808080



# Same Dimension

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



30CF8C



14FF9C



30C4CF



5E6964



00A861



002918



# Inverse Universe

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



CF3073



FF1477



CF3B30



695E63



A80047

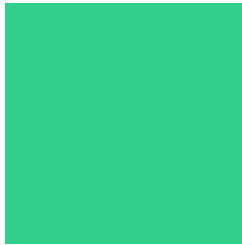


290011



# Previews

## White Background



This preview shows how the Hex color 30CF8C looks on a white background.

## Color Contrast Check

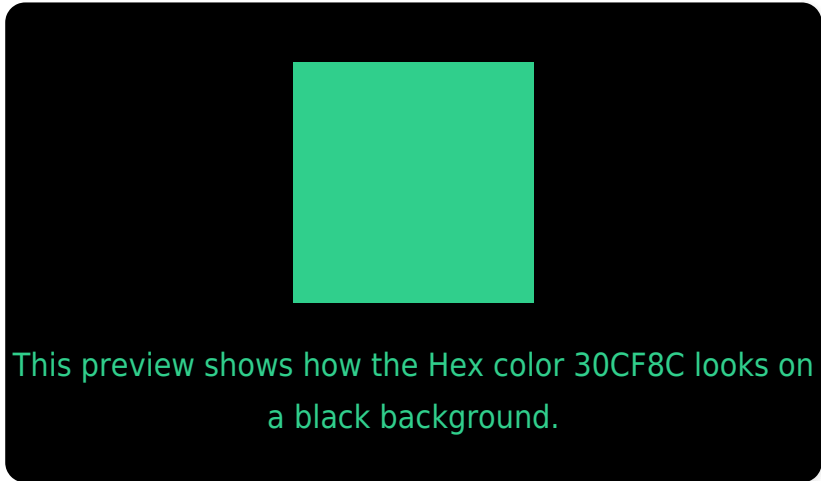
Large Text (above 18pt) WCAG AA × Fail

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

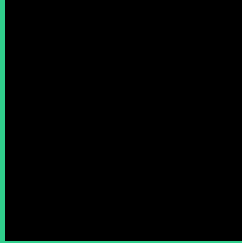
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 30CF8C Background



This preview shows how black text looks on a background with the Hex color 30CF8C.

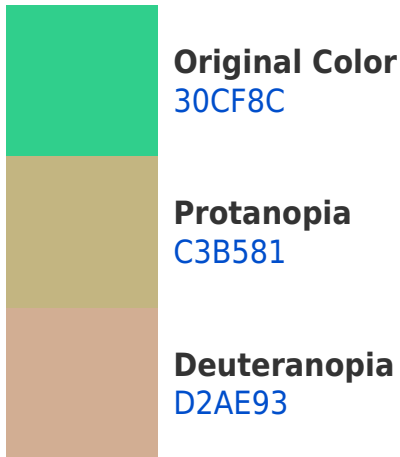


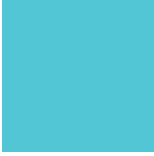
This preview shows how white text looks on a background with the Hex color 30CF8C.

# 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**  
53C6D6

# Trichromacy



**Original Color**  
30CF8C



**Protanomaly**  
8EBE85



**Deuteranomaly**  
97BA90



**Tritanomaly**  
46C9BB

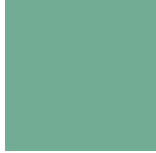
# Monochromacy



**Original Color**  
30CF8C



**Achromatopsia**  
989898



**Achromatomaly**  
72AC94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30CF8C 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 #30CF8C looks like.

```
.text, #text, p{  
    color:#30CF8C  
}
```

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 #30CF8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30CF8C
}
```

## Border

The CSS property to change the border of an element to Hex 30CF8C 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
#30CF8C }
```

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

```
.border{ border-color:#30CF8C }
```

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

Here you see how a box with a 4 pixel #30CF8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30CF8C; -webkit-box-shadow:4px 4px  
4px 4px #30CF8C; box-shadow:4px 4px 4px  
4px #30CF8C }
```

# Background

The CSS property to change the background color of an element to Hex 30CF8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30CF8C }
```

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

```
.background{ background-color:#30CF8C }
```

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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