

# Converting Colors

Hex(34DCA7)

Have a look what the booklet for  
Hex(34DCA7) contains.

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# Color

Hex(34DCA7)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 34DCA7                       |
| RGB         | 52, 220, 167                 |
| RGB Percent | 20%, 86%, 65%                |
| CMY         | 0.7961, 0.1373, 0.3451       |
| CMYK        | 0.76, 0.00, 0.24, 0.14       |
| HSL         | 161°, 71%, 53%               |
| HSV         | 161°, 76%, 86%               |
| XYZ         | 33.9844, 54.7065, 45.3275    |
| YIQ         | 163.7260, -83.1150, -52.0990 |

# Conversions

## Conversions Part 2

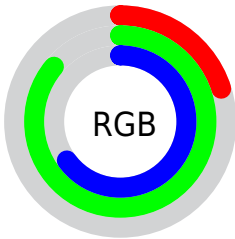
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">52, 152, 220</a>                   |
| Decimal                             | <a href="#">3464359</a>                        |
| CIELab                              | <a href="#">78.87, -54.05, 14.24</a>           |
| CIELCh                              | <a href="#">79, 55.892, 165.243</a>            |
| Yxy                                 | <a href="#">54.7065, 0.2536,<br/>0.4082</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4281654439<br/>(0xFF34DCA7)</a>    |
| YUV                                 | <a href="#">163.7260, 1.6141,<br/>-97.9837</a> |
| Hunter-Lab                          | <a href="#">73.9638, -47.4207,<br/>15.4398</a> |

# Details

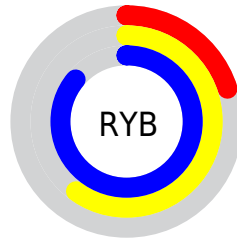
The Hex color **34DCA7** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **DC3469**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7CFFDE**, and **00A473** is the 20% darker color. If you saturate the color by 10%, you get **1EDCA0**, and if you desaturate by 10%, it is **4ADCAE**.

# Distribution



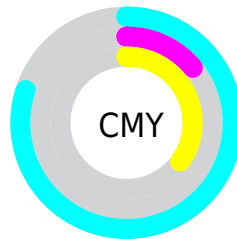
- Red (20%)
- Green (86%)
- Blue (65%)



- Red (20%)
- Yellow (60%)
- Blue (86%)



- Cyan (76%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (80%)
- Magenta (14%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34DCA7 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 34DCA7 by changing the saturation by 10% instead.



 34DCA7

 34DCA7

FFFFFF

 00C08D

 7CFFDE

 00A473

 9BFFFB

 00895A

 BAFFFF

 006E43

 D9FFFF

 00552C

 F8FFFF

 003C17

 002500

 000000

 34DCA7

 34DCA7

 1EDCA0

 4ADCAE

 08DC99

 60DCB5

 00DC97

 76DCBC

 8CDCC3

 A2DCCA

 B8DCD1

 CEDCD8

 E4DCDF

 FADCE5

# Harmonies

## Analogous

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



8ED577



34DCA7



00DEDD

# Triad

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



34DCA7



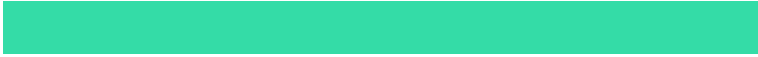
9CC0FF



FFA47C

# Complementary

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



34DCA7



DC3469

# 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.



FF98AB



34DCA7



E9ABFF

# Square

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



34DCA7



00D0FF



FF9BDF



F8B75D

# Rectangle

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



34DCA7



00DCFE



FF9BDF



FF9F8A

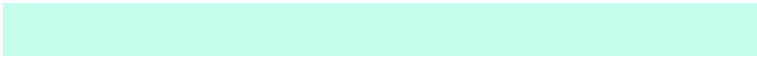


# Sweetspot

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



34DCA7



C4FFEC



69DC34



5C8074



000000



808080



# Same Dimension

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



34DCA7



14FFB5



34BDDC



636E6A



00AD77



002E1F



# Inverse Universe

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



DC3469



FF145E



DC5334



6E6366



AD0037

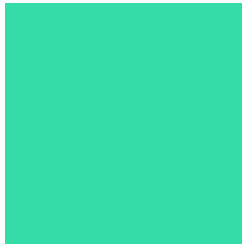


2E000E



# Previews

## White Background



This preview shows how the Hex color 34DCA7 looks on a white background.

## Color Contrast Check

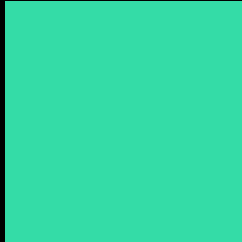
Large Text (above 18pt) WCAG AA × Fail

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 34DCA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

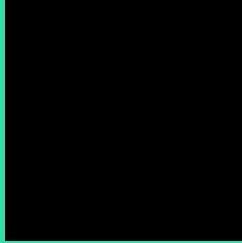
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34DCA7 Background



This preview shows how black text looks on a background with the Hex color 34DCA7.

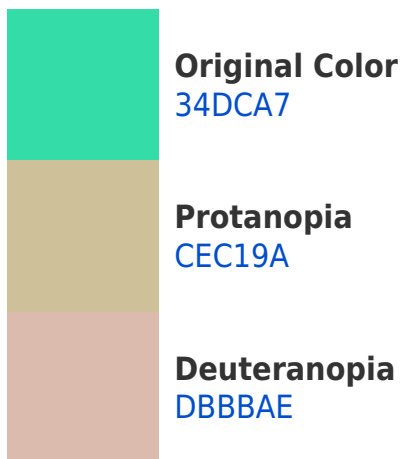


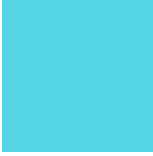
This preview shows how white text looks on a background with the Hex color 34DCA7.

# 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**  
55D4E5

# Trichromacy



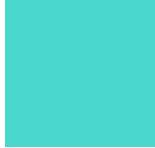
**Original Color**  
34DCA7



**Protanomaly**  
96CB9F



**Deuteranomaly**  
9EC7AB

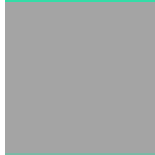


**Tritanomaly**  
49D7CE

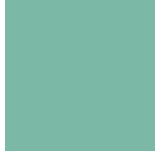
# Monochromacy



**Original Color**  
34DCA7



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
7BB8A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34DCA7 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 #34DCA7 looks like.

```
.text, #text, p{  
    color:#34DCA7  
}
```

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 #34DCA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34DCA7
}
```

## Border

The CSS property to change the border of an element to Hex 34DCA7 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
#34DCA7 }
```

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

```
.border{ border-color:#34DCA7 }
```

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

Here you see how a box with a 4 pixel #34DCA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34DCA7; -webkit-box-shadow:4px 4px  
4px 4px #34DCA7; box-shadow:4px 4px 4px  
4px #34DCA7 }
```

# Background

The CSS property to change the background color of an element to Hex 34DCA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34DCA7 }
```

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

```
.background{ background-color:#34DCA7 }
```

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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