

Converting Colors

Hex(34DAC4)

Have a look what the booklet for
Hex(34DAC4) contains.

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Color

Hex(34DAC4)

Conversions

Conversions Part 1

Format	Color
Hex	34DAC4
RGB	52, 218, 196
RGB Percent	20%, 85%, 77%
CMY	0.7961, 0.1451, 0.2314
CMYK	0.76, 0.00, 0.10, 0.15
HSL	172°, 69%, 53%
HSV	172°, 76%, 85%
XYZ	36.4514, 54.8584, 60.8921
YIQ	165.8580, -91.8740, -42.0340

Conversions

Conversions Part 2

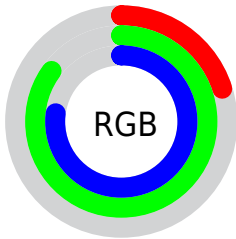
Format	Color
RYB	52, 141, 218
Decimal	3463876
CIELab	78.96, -46.04, -1.05
CIELCh	79, 46.052, 181.311
Yxy	54.8584, 0.2395, 0.3604
Android (android.graphics.Color)	4281653956 (0xFF34DAC4)
YUV	165.8580, 14.8600, -99.8535
Hunter-Lab	74.0665, -41.7685, 3.1026

Details

The Hex color **34DAC4** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA344A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **7DFFFD**, and **00A28E** is the 20% darker color. If you saturate the color by 10%, you get **1EDAC1**, and if you desaturate by 10%, it is **4ADAC7**.

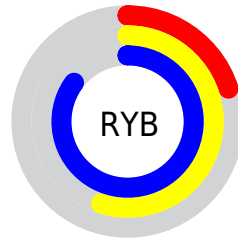
Distribution



Red (20%)

Green (85%)

Blue (77%)



Red (20%)

Yellow (55%)

Blue (85%)

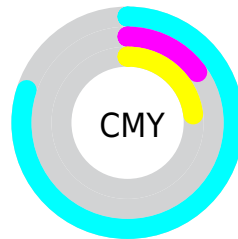


Cyan (76%)

Magenta (0%)

Yellow (10%)

Black (15%)



Cyan (80%)

Magenta (15%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34DAC4 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 34DAC4 by changing the saturation by 10% instead.

 34DAC4

 34DAC4

FFFFFF

 00BEA9

 7DFFFD

 00A28E

 9CFFF

 008775

 BCFFF

 006D5C

 DBFFF

 005445

 FAFFF

 003B2F

 00261A

 000000

 34DAC4

 34DAC4

1EDAC1

4ADAC7

08DABE

60DACA

00DABD

75DACD

8BDAD0

A1DAD2

B7DAD5

CDDAD8

E2DADB

F8DADE

Harmonies

Analogous

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



7CD699



34DAC4



00D9EF

Triad

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



34DAC4



CAB8FF



FFB379

Complementary

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



34DAC4



DA344A

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.



FFA699



34DAC4



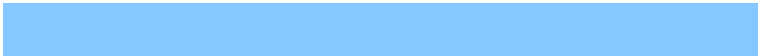
FBA9ED

Square

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



34DAC4



85C7FF



FFA1C3



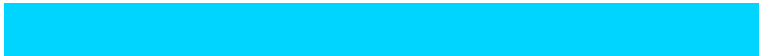
DDC26C

Rectangle

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



34DAC4



00D5FF



FFA1C3



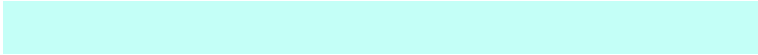
FFAE82

Sweetspot

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



34DAC4



C4FFF7



4ADA34



5C807B



000000



808080

Same Dimension

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



34DAC4



17FFE0



349DDA



636E6C



00AD96



002E28

Inverse Universe

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



DA344A



FF1736



DA7134



6E6364



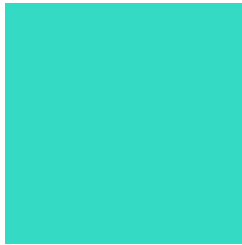
AD0017



2E0006

Previews

White Background



This preview shows how the Hex color 34DAC4 looks on a white background.

Color Contrast Check

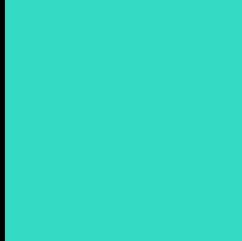
Large Text (above 18pt) WCAG AA × Fail

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 34DAC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

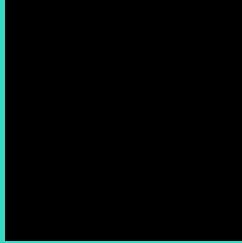
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

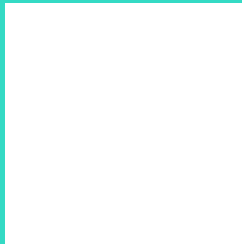
Any Text WCAG AAA ✓ Pass

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

Hex 34DAC4 Background



This preview shows how black text looks on a background with the Hex color 34DAC4.

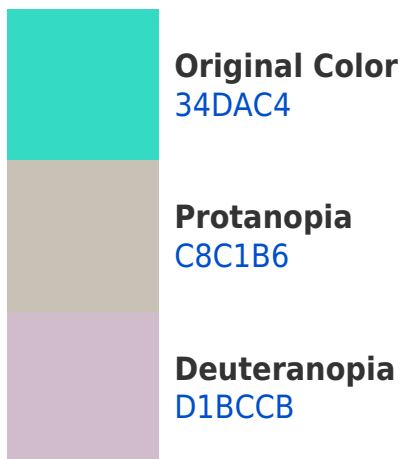


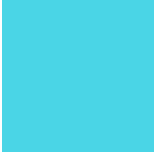
This preview shows how white text looks on a background with the Hex color 34DAC4.

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](#).

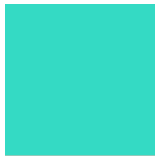
Dichromacy





Tritanopia
4AD5E6

Trichromacy



Original Color

34DAC4



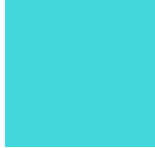
Protanomaly

92CABB



Deuteranomaly

98C7C8



Tritanomaly

42D7DA

Monochromacy



Original Color

34DAC4



Achromatopsia

A6A6A6



Achromatomaly

7DB9B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 34DAC4 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 #34DAC4 looks like.

```
.text, #text, p{  
    color:#34DAC4  
}
```

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 #34DAC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34DAC4
}
```

Border

The CSS property to change the border of an element to Hex 34DAC4 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
#34DAC4 }
```

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

```
.border{ border-color:#34DAC4 }
```

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

Here you see how a box with a 4 pixel #34DAC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34DAC4; -webkit-box-shadow:4px 4px  
4px 4px #34DAC4; box-shadow:4px 4px 4px  
4px #34DAC4 }
```

Background

The CSS property to change the background color of an element to Hex 34DAC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34DAC4 }
```

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

```
.background{ background-color:#34DAC4 }
```

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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