

Converting Colors

Hex(34B7C3)

Have a look what the booklet for
Hex(34B7C3) contains.

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Color

Hex(34B7C3)

Conversions

Conversions Part 1

Format	Color
Hex	34B7C3
RGB	52, 183, 195
RGB Percent	20%, 72%, 76%
CMY	0.7961, 0.2824, 0.2353
CMYK	0.73, 0.06, 0.00, 0.24
HSL	185°, 58%, 48%
HSV	185°, 73%, 76%
XYZ	28.2000, 38.5372, 57.5819
YIQ	145.1990, -81.9280, -24.0400

Conversions

Conversions Part 2

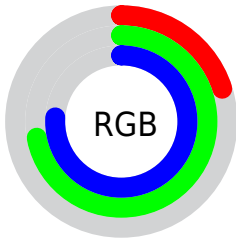
Format	Color
RYB	52, 120, 195
Decimal	3454915
CIELab	68.41, -30.37, -16.19
CIELCh	68, 34.420, 208.063
Yxy	38.5372, 0.2268, 0.3100
Android (android.graphics.Color)	4281644995 (0xFF34B7C3)
YUV	145.1990, 24.5519, -81.7355
Hunter-Lab	62.0783, -27.5508, -11.5407

Details

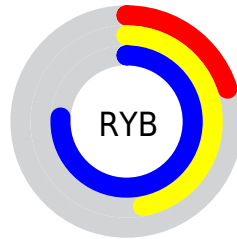
The Hex color **34B7C3** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C34034**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **78EFFC**, and **00828D** is the 20% darker color. If you saturate the color by 10%, you get **20B5C3**, and if you desaturate by 10%, it is **47B9C3**.

Distribution



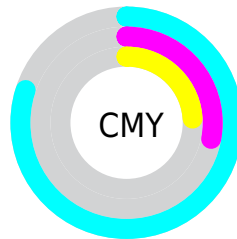
- Red (20%)
- Green (72%)
- Blue (76%)



- Red (20%)
- Yellow (47%)
- Blue (76%)



- Cyan (73%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (80%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B7C3 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 34B7C3 by changing the saturation by 10% instead.

 34B7C3


 34B7C3

FFFFFF

 009CA8

 78EFC

 00828D

 97FFF

 006874

 B5FFF

 004F5B

 D3FFF

 003844

 F1FFF

 00232D

 000119

 000000

 34B7C3

 34B7C3

■ 20B5C3

■ 47B9C3

■ 0DB4C3

■ 5BBAC3

■ 00B3C3

■ 6EBCC3

■ 82BEC3

■ 95BFC3

■ A9C1C3

■ BCC2C3

■ D0C4C3

■ E3C6C3

Harmonies

Analogous

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



52B8A4



34B7C3



47B3DB

Triad

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



34B7C3



CC95C8



BEA468

Complementary

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



34B7C3



C34034

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.



D69A73



34B7C3



E18FAA

Square

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



34B7C3



A8A0DE



E3918B



9DAE6F

Rectangle

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



34B7C3



67AEE3



E3918B



C7A16A

Sweetspot

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



34B7C3



C5F8FC



34C340



5E7D80



000000



808080

Same Dimension

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



34B7C3



1EEAFC



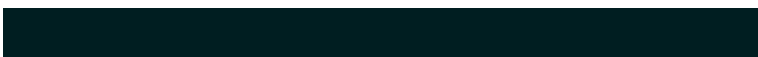
3470C3



576061



0093A1



001E21

Inverse Universe

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



C334B7



FC1EEA



C38734



615760



A10093



21001E

Previews

White Background



This preview shows how the Hex color 34B7C3 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 34B7C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

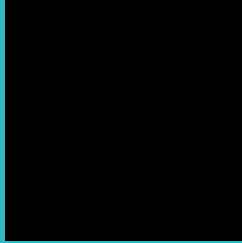
Any Text WCAG AA ✓ Pass

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 34B7C3 Background



This preview shows how black text looks on a background with the Hex color 34B7C3.

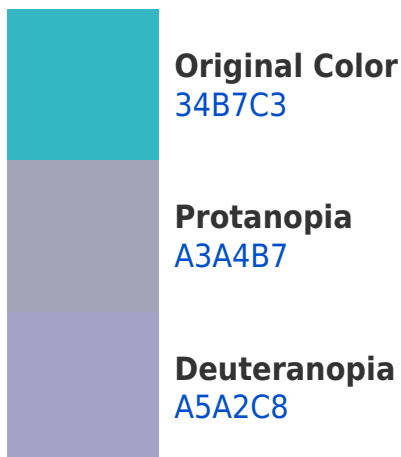


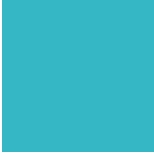
This preview shows how white text looks on a background with the Hex color 34B7C3.

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
36B7C5

Trichromacy



Original Color
34B7C3



Protanomaly
7BABBB



Deuteranomaly
7CAAC6



Tritanomaly
35B7C4

Monochromacy



Original Color
34B7C3



Achromatopsia
919191



Achromatomaly
6F9FA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 34B7C3 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 #34B7C3 looks like.

```
.text, #text, p{  
    color:#34B7C3  
}
```

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 #34B7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B7C3
}
```

Border

The CSS property to change the border of an element to Hex 34B7C3 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
#34B7C3 }
```

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

```
.border{ border-color:#34B7C3 }
```

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

Here you see how a box with a 4 pixel #34B7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B7C3; -webkit-box-shadow:4px 4px  
4px 4px #34B7C3; box-shadow:4px 4px 4px  
4px #34B7C3 }
```

Background

The CSS property to change the background color of an element to Hex 34B7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B7C3 }
```

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

```
.background{ background-color:#34B7C3 }
```

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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