

Converting Colors

Hex(34B4D7)

Have a look what the booklet for
Hex(34B4D7) contains.

Hex(34B4D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34B4D7)

Conversions

Conversions Part 1

Format	Color
Hex	34B4D7
RGB	52, 180, 215
RGB Percent	20%, 71%, 84%
CMY	0.7961, 0.2941, 0.1569
CMYK	0.76, 0.16, 0.00, 0.16
HSL	193°, 67%, 52%
HSV	193°, 76%, 84%
XYZ	30.0032, 38.2789, 70.0972
YIQ	145.7180, -87.5230, -16.2510

Conversions

Conversions Part 2

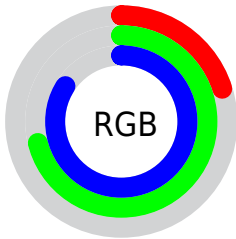
Format	Color
RYB	52, 124, 215
Decimal	3454167
CIELab	68.23, -22.60, -27.48
CIELCh	68, 35.576, 230.566
Yxy	38.2789, 0.2168, 0.2766
Android (android.graphics.Color)	4281644247 (0xFF34B4D7)
YUV	145.7180, 34.1560, -82.1907
Hunter-Lab	61.8699, -21.7107, -23.8653

Details

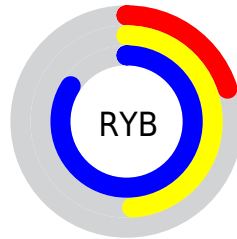
The Hex color **34B4D7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **D75734**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7AECFF**, and **007FA0** is the 20% darker color. If you saturate the color by 10%, you get **1EAFD7**, and if you desaturate by 10%, it is **4AB9D7**.

Distribution



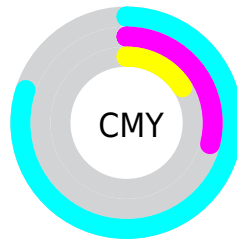
- Red (20%)
- Green (71%)
- Blue (84%)



- Red (20%)
- Yellow (49%)
- Blue (84%)



- Cyan (76%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (80%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B4D7 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 34B4D7 by changing the saturation by 10% instead.

■ 34B4D7

■ 34B4D7

FFFFFF

■ 0099BB

■ 7AECFF

■ 007FA0

■ 99FFFF

■ 006686

■ B8FFFF

■ 004E6C

■ D6FFFF

■ 003654

■ F5FFFF

■ 00223D

■ 000327

■ 000110

■ 000000

■ 34B4D7

■ 34B4D7

■ 1EAFD7

■ 4AB9D7

■ 09ABD7

■ 5FBDD7

■ 00A9D7

■ 75C2D7

■ 8AC6D7

■ A0CBD7

■ B5D0D7

■ CBD4D7

■ E0D9D7

■ F6DED7

Harmonies

Analogous

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



2FB7BC



34B4D7



67ADE5

Triad

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



34B4D7



DE8EB2



A5AB69

Complementary

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



34B4D7



D75734

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.



C5A167



34B4D7



E58E91

Square

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



34B4D7



C596CF



DC9676



80B37C

Rectangle

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



34B4D7



8BA6E5



DC9676



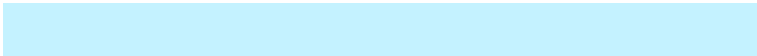
B1A866

Sweetspot

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



34B4D7



C4F2FF



34D755



5C7880



000000



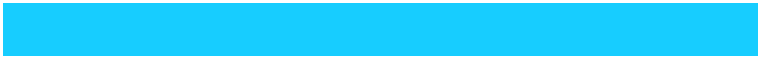
808080

Same Dimension

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



34B4D7



17CDFE



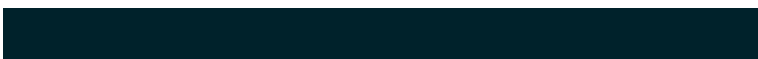
3465D7



60696B



0086AB



00222B

Inverse Universe

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



D734B4



FF17CD



D7A634



6B6069



AB0086



2B0022

Previews

White Background



This preview shows how the Hex color 34B4D7 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 34B4D7 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 34B4D7 Background



This preview shows how black text looks on a background with the Hex color 34B4D7.

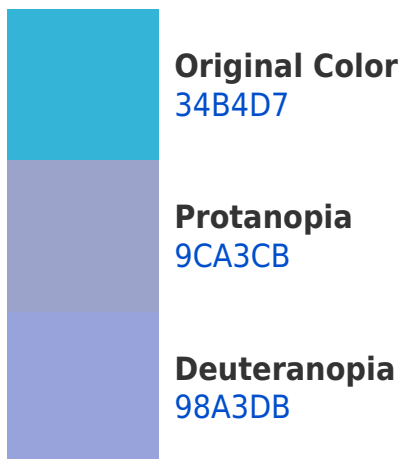


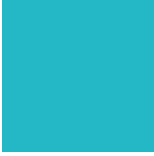
This preview shows how white text looks on a background with the Hex color 34B4D7.

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](#).

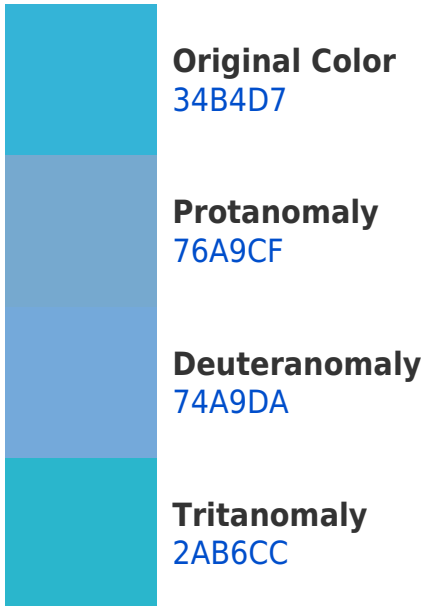
Dichromacy



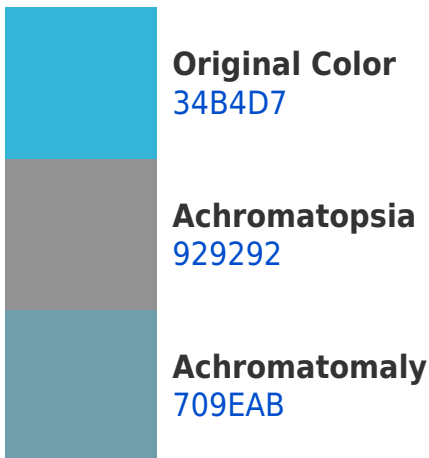


Tritanopia
24B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34B4D7 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 #34B4D7 looks like.

```
.text, #text, p{  
    color:#34B4D7  
}
```

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 #34B4D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B4D7
}
```

Border

The CSS property to change the border of an element to Hex 34B4D7 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
#34B4D7 }
```

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

```
.border{ border-color:#34B4D7 }
```

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

Here you see how a box with a 4 pixel #34B4D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B4D7; -webkit-box-shadow:4px 4px  
4px 4px #34B4D7; box-shadow:4px 4px 4px  
4px #34B4D7 }
```

Background

The CSS property to change the background color of an element to Hex 34B4D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B4D7 }
```

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

```
.background{ background-color:#34B4D7 }
```

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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