

Converting Colors

Hex(34BEDD)

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

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Color

Hex(34BEDD)

Conversions

Conversions Part 1

Format	Color
Hex	34BEDD
RGB	52, 190, 221
RGB Percent	20%, 75%, 87%
CMY	0.7961, 0.2549, 0.1333
CMYK	0.76, 0.14, 0.00, 0.13
HSL	191°, 71%, 54%
HSV	191°, 76%, 87%
XYZ	32.8808, 42.7774, 74.9305
YIQ	152.2720, -92.1990, -19.6150

Conversions

Conversions Part 2

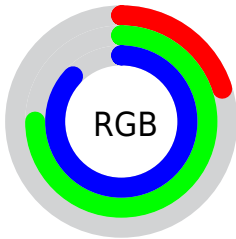
Format	Color
RYB	52, 128, 221
Decimal	3456733
CIELab	71.40, -25.74, -25.88
CIELCh	71, 36.502, 225.152
Yxy	42.7774, 0.2183, 0.2841
Android (android.graphics.Color)	4281646813 (0xFF34BEDD)
YUV	152.2720, 33.8829, -87.9385
Hunter-Lab	65.4045, -24.7205, -22.1423

Details

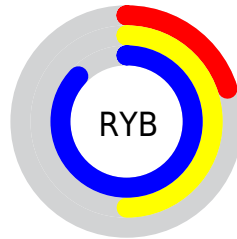
The Hex color **34BEDD** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted azure. A complement of this color would be **DD5334**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7CF7FF**, and **0088A6** is the 20% darker color. If you saturate the color by 10%, you get **1EBADD**, and if you desaturate by 10%, it is **4AC2DD**.

Distribution



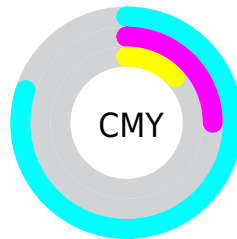
- Red (20%)
- Green (75%)
- Blue (87%)



- Red (20%)
- Yellow (50%)
- Blue (87%)



- Cyan (76%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (80%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 34BEDD

 34BEDD

FFFFFF

 00A3C1

 7CF7FF

 0088A6

 9BFFFF

 006F8B

 BAFFFF

 005672

 D9FFFF

 003E59

 F8FFFF

 002842

 000D2C

 000116

 000000

■ 34BEDD

■ 34BEDD

■ 1EBADD

■ 4AC2DD

■ 08B6DD

■ 60C6DD

■ 00B4DD

■ 76CADD

■ 8CCEDD

■ A2D2DD

■ B9D6DD

■ CFDADD

■ E5DEDD

■ FBE2DD

Harmonies

Analogous

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



3CC1BF



34BEDD



64B7EF

Triad

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



34BEDD



E697C1



B4B26E

Complementary

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



34BEDD



DD5334

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.



D4A76F



34BEDD



F0969F

Square

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



34BEDD



C8A0DE



E99C81



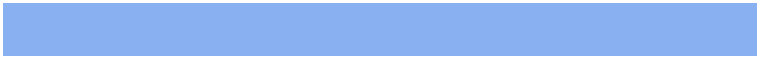
8FBB7F

Rectangle

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



34BEDD



89B0F1



E99C81



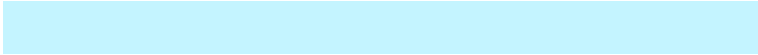
C0AF6C

Sweetspot

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



34BEDD



C4F4FF



34DD53



5C7980



000000



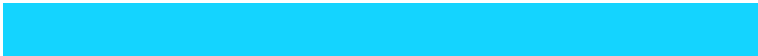
808080

Same Dimension

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



34BEDD



14D4FF



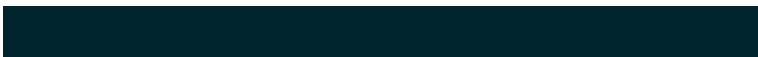
346ADD



636C6E



008EAD



00252E

Inverse Universe

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



DD34BE



FF14D4



DDA734



6E636C



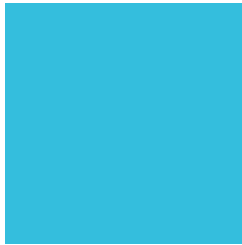
AD008E



2E0025

Previews

White Background



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

Color Contrast Check

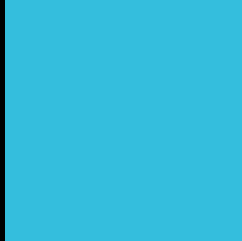
Large Text (above 18pt) WCAG AA × Fail

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 34BEDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

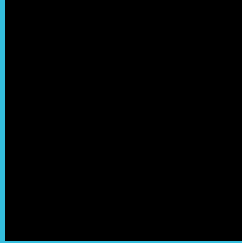
Any Text WCAG AA ✓ Pass

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 34BEDD Background



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

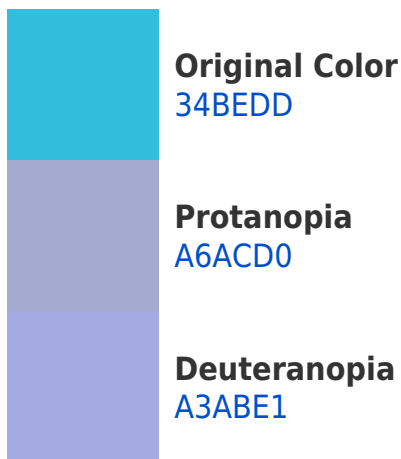


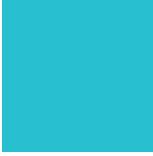
This preview shows how white text looks on a background with the Hex color 34BEDD.

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](#).

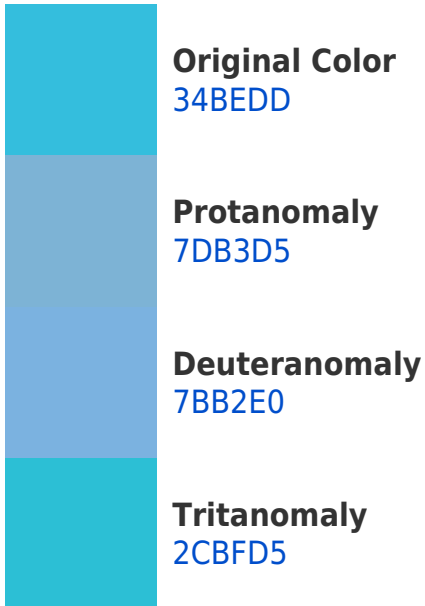
Dichromacy



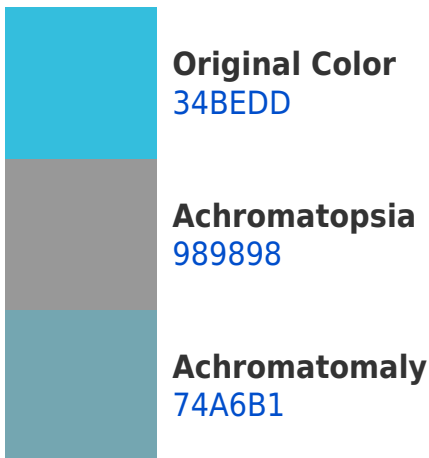


Tritanopia
28C0D0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #34BEDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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