

Converting Colors

Hex(34A1CC)

Have a look what the booklet for
Hex(34A1CC) contains.

Hex(34A1CC)	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(34A1CC)

Conversions

Conversions Part 1

Format	Color
Hex	34A1CC
RGB	52, 161, 204
RGB Percent	20%, 63%, 80%
CMY	0.7961, 0.3686, 0.2000
CMYK	0.75, 0.21, 0.00, 0.20
HSL	197°, 60%, 50%
HSV	197°, 75%, 80%
XYZ	25.0601, 30.5794, 61.7084
YIQ	133.3110, -78.7670, -9.7350

Conversions

Conversions Part 2

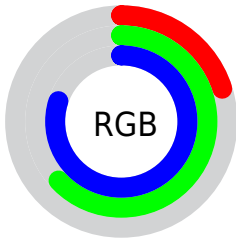
Format	Color
R _{YB}	52, 115, 204
Decimal	3449292
CIE _{Lab}	62.15, -16.24, -30.77
CIE _{LCh}	62, 34.791, 242.170
Yxy	30.5794, 0.2136, 0.2606
Android (android.graphics.Color)	4281639372 (0xFF34A1CC)
YUV	133.3110, 34.8497, -71.3097
Hunter-Lab	55.2987, -15.8805, -27.4532

Details

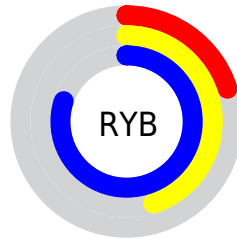
The Hex color **34A1CC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CC5F34**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **77D8FF**, and **006D96** is the 20% darker color. If you saturate the color by 10%, you get **209BCC**, and if you desaturate by 10%, it is **48A7CC**.

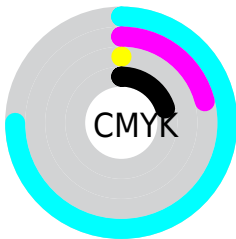
Distribution



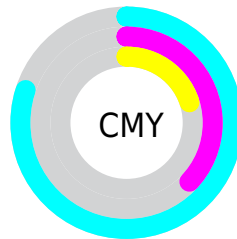
- Red (20%)
- Green (63%)
- Blue (80%)



- Red (20%)
- Yellow (45%)
- Blue (80%)



- Cyan (75%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A1CC 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 34A1CC by changing the saturation by 10% instead.

 34A1CC

 34A1CC

FFFFFF

 0087B0

 77D8FF

 006D96

 96F4FF

 00557C

 B4FFFF

 003E63

 D2FFFF

 00284A

 F0FFFF

 001134

 00021E

 000000

 34A1CC

 34A1CC

■ 209BCC

■ 48A7CC

■ 0B95CC

■ 5DADCC

■ 0092CC

■ 71B2CC

■ 86B8CC

■ 9ABECC

■ AEC4CC

■ C3C9CC

■ D7CFCC

■ ECD5CC

Harmonies

Analogous

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



05A6B6



34A1CC



6D98D3

Triad

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



34A1CC



D07E95



889E61

Complementary

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



34A1CC



CC5F34

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.



A89558



34A1CC



D18177

Square

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



34A1CC



BF83B4



C28A60



63A478

Rectangle

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



34A1CC



8E91CF



C28A60



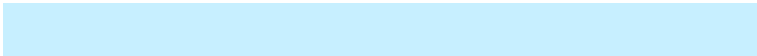
939B5C

Sweetspot

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



34A1CC



C7EFFF



34CC5D



5E7680



000000



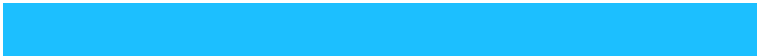
808080

Same Dimension

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



34A1CC



1CBFFF



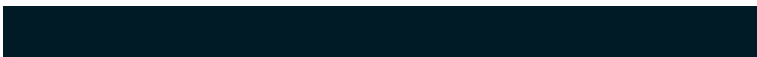
3457CC



5C6366



0077A6



001B26

Inverse Universe

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



CC34A1



FF1CBF



CCA934



665C63



A60077



26001B

Previews

White Background



This preview shows how the Hex color 34A1CC looks on a white background.

Color Contrast Check

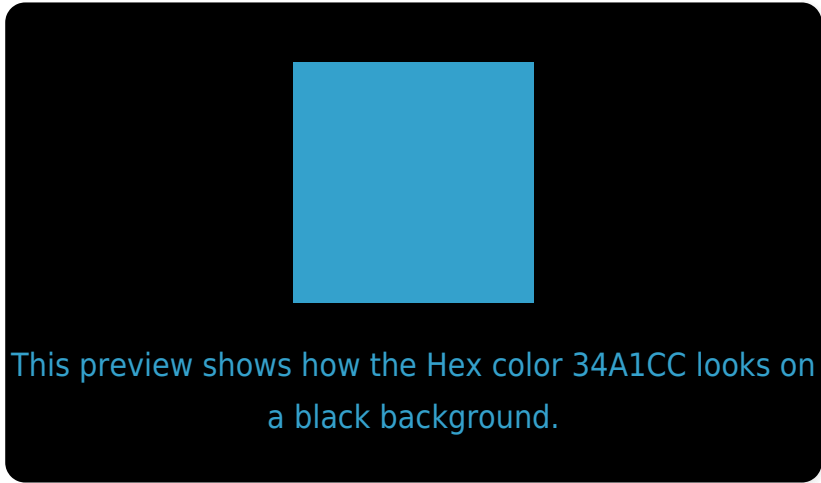
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 34A1CC Background



This preview shows how black text looks on a background with the Hex color 34A1CC.

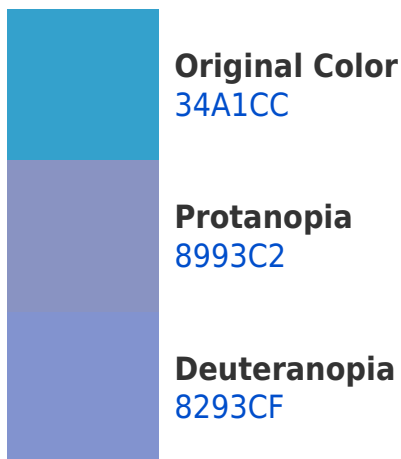


This preview shows how white text looks on a background with the Hex color 34A1CC.

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](#).

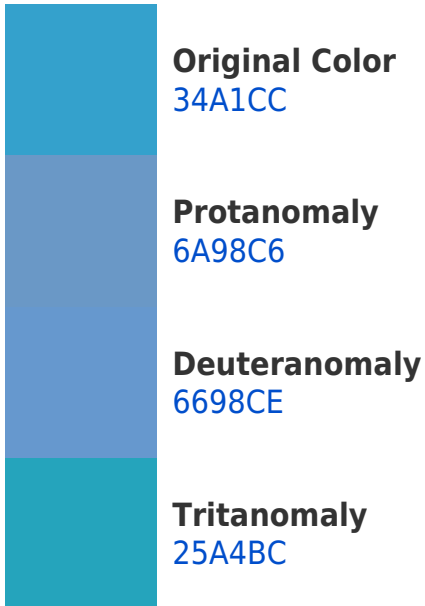
Dichromacy





Tritanopia
1CA5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34A1CC 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 #34A1CC looks like.

```
.text, #text, p{  
    color:#34A1CC  
}
```

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 #34A1CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A1CC  
}
```

Border

The CSS property to change the border of an element to Hex 34A1CC 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  
#34A1CC }
```

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

```
.border{ border-color:#34A1CC }
```

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

Here you see how a box with a 4 pixel #34A1CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A1CC; -webkit-box-shadow:4px 4px  
4px 4px #34A1CC; box-shadow:4px 4px 4px  
4px #34A1CC }
```

Background

The CSS property to change the background color of an element to Hex 34A1CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A1CC }
```

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

```
.background{ background-color:#34A1CC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor