

# Converting Colors

Hex(34A3D0)

Have a look what the booklet for  
Hex(34A3D0) contains.

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# **Color**

**Hex(34A3D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34A3D0
RGB	52, 163, 208
RGB Percent	20%, 64%, 82%
CMY	0.7961, 0.3608, 0.1843
CMYK	0.75, 0.22, 0.00, 0.18
HSL	197°, 62%, 51%
HSV	197°, 75%, 82%
XYZ	25.8985, 31.4785, 64.3855
YIQ	134.9410, -80.6010, -9.5370

# Conversions

## Conversions Part 2

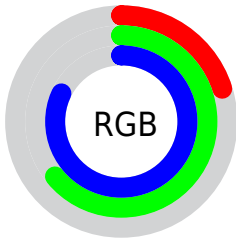
Format	Color
<b>RYB</b>	52, 117, 208
Decimal	3449808
CIELab	62.91, -15.98, -31.82
CIELCh	63, 35.604, 243.340
Yxy	31.4785, 0.2127, 0.2585
Android (android.graphics.Color)	4281639888 (0xFF34A3D0)
YUV	134.9410, 36.0181, -72.7393
Hunter-Lab	56.1057, -15.7890, -28.7657

# Details

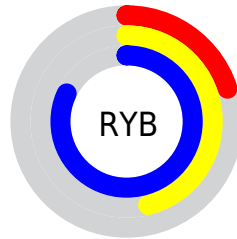
The Hex color **34A3D0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D06134**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **78DAFF**, and **006F99** is the 20% darker color. If you saturate the color by 10%, you get **1F9DD0**, and if you desaturate by 10%, it is **49A9D0**.

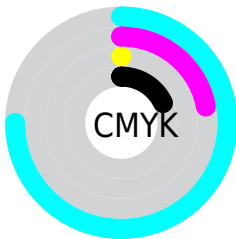
# Distribution



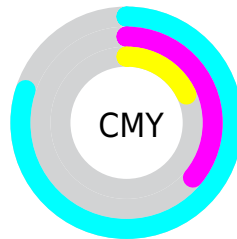
- Red (20%)
- Green (64%)
- Blue (82%)



- Red (20%)
- Yellow (46%)
- Blue (82%)



- Cyan (75%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (80%)
- Magenta (36%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34A3D0 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 34A3D0 by changing the saturation by 10% instead.




 34A3D0

 34A3D0

FFFFFF

 0089B4

 78DAFF

 006F99

 96F6FF

 00577F

 B5FFFF

 004066

 D3FFFF

 002A4E

 F1FFFF

 001537

 000221

 000006

 000000

■ 34A3D0

■ 34A3D0

■ 1F9DD0

■ 49A9D0

■ 0A97D0

■ 5EAFD0

■ 0094D0

■ 72B5D0

■ 87BBD0

■ 9CC1D0

■ B1C7D0

■ C6CDD0

■ DAD3D0

■ EFD9D0

# Harmonies

## Analogous

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



00A8BA



34A3D0



709AD7

# Triad

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



34A3D0



D47F96



88A162

# Complementary

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



34A3D0



D06134

# 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.



A99758



34A3D0



D48377

# Square

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



34A3D0



C384B5



C48C60



61A77B

# Rectangle

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



34A3D0



9293D2



C48C60



949E5D

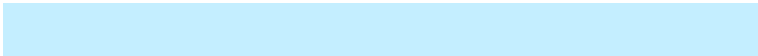


# Sweetspot

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



34A3D0



C4EEFF



34D060



5C7580



000000



808080



# Same Dimension

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



34A3D0



19BDFF



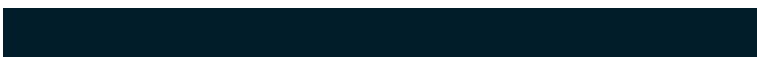
3456D0



5E6669



0078A8



001D29



# Inverse Universe

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



D034A3



FF19BD



D0AE34



695E66



A80078



29001D



# Previews

## White Background



This preview shows how the Hex color 34A3D0 looks on a white background.

## Color Contrast Check

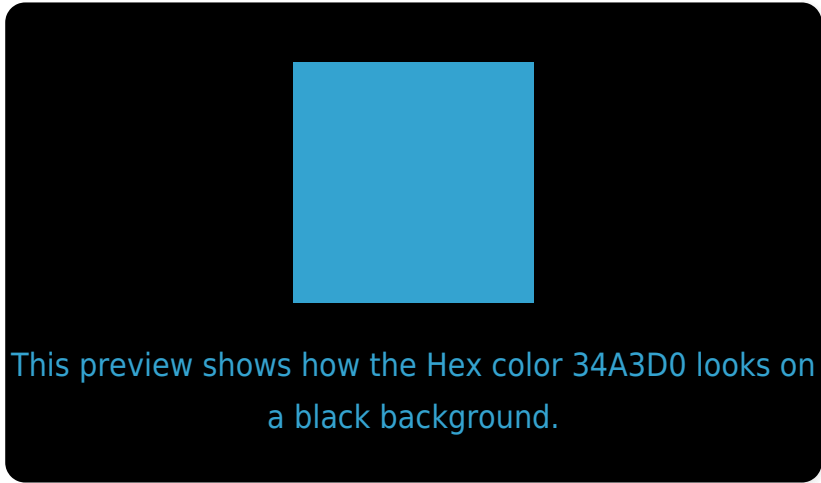
Large Text (above 18pt) WCAG AA × Fail

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

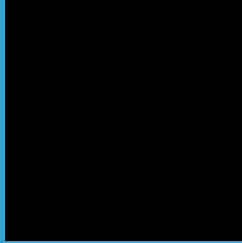
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34A3D0 Background



This preview shows how black text looks on a background with the Hex color 34A3D0.

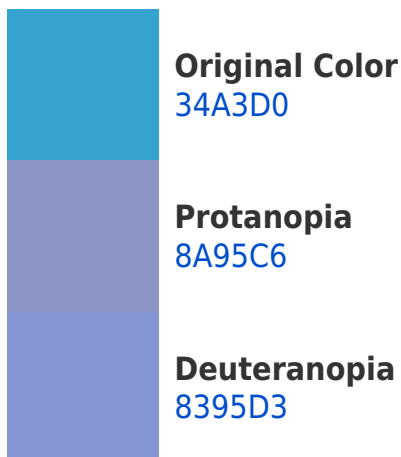


This preview shows how white text looks on a background with the Hex color 34A3D0.

# 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](#).

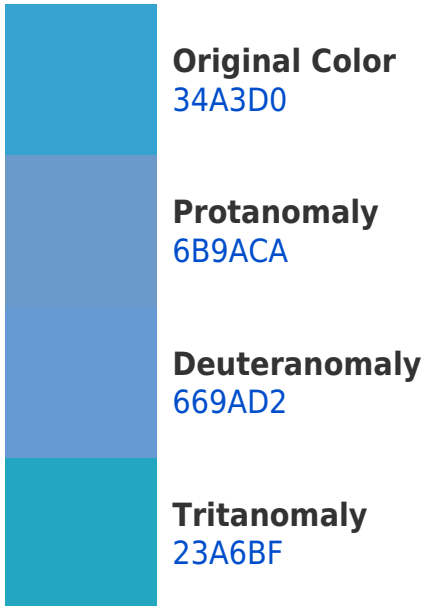
## Dichromacy



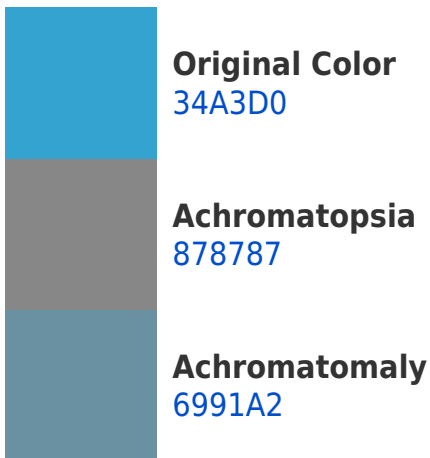


**Tritanopia**  
19A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34A3D0 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 #34A3D0 looks like.

```
.text, #text, p{  
    color:#34A3D0  
}
```

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 #34A3D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A3D0
}
```

## Border

The CSS property to change the border of an element to Hex 34A3D0 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
#34A3D0 }
```

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

```
.border{ border-color:#34A3D0 }
```

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

Here you see how a box with a 4 pixel #34A3D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A3D0; -webkit-box-shadow:4px 4px  
4px 4px #34A3D0; box-shadow:4px 4px 4px  
4px #34A3D0 }
```

# Background

The CSS property to change the background color of an element to Hex 34A3D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A3D0 }
```

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

```
.background{ background-color:#34A3D0 }
```

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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