

# Converting Colors

Hex(34AED9)

Have a look what the booklet for  
Hex(34AED9) contains.

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# **Color**

**Hex(34AED9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34AED9
RGB	52, 174, 217
RGB Percent	20%, 68%, 85%
CMY	0.7961, 0.3176, 0.1490
CMYK	0.76, 0.20, 0.00, 0.15
HSL	196°, 68%, 53%
HSV	196°, 76%, 85%
XYZ	29.0766, 36.0119, 71.0641
YIQ	142.4240, -86.5150, -12.4910

# Conversions

## Conversions Part 2

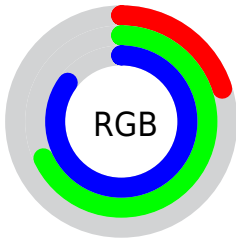
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 122, 217
Decimal	3452633
CIELab	66.53, -18.83, -31.19
CIELCh	67, 36.433, 238.888
Yxy	36.0119, 0.2136, 0.2645
Android (android.graphics.Color)	4281642713 (0xFF34AED9)
YUV	142.4240, 36.7660, -79.3018
Hunter-Lab	60.0099, -18.5288, -28.2046

# Details

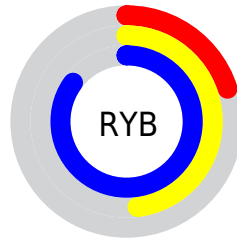
The Hex color **34AED9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D95F34**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7AE6FF**, and **0079A2** is the 20% darker color. If you saturate the color by 10%, you get **1EA8D9**, and if you desaturate by 10%, it is **4AB4D9**.

# Distribution



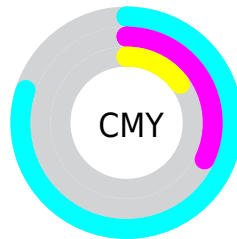
- Red (20%)
- Green (68%)
- Blue (85%)



- Red (20%)
- Yellow (48%)
- Blue (85%)



- Cyan (76%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)



- Cyan (80%)
- Magenta (32%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34AED9 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 34AED9 by changing the saturation by 10% instead.



34AED9

34AED9

FFFFFF

0093BD

7AE6FF

0079A2

99FFFF

006188

B8FFFF

00496E

D6FFFF

003255

F5FFFF

001E3E

000328

000112

000000

■ 34AED9

■ 34AED9

■ 1EA8D9

■ 4AB4D9

■ 09A3D9

■ 5FB9D9

■ 00A0D9

■ 75BFD9

■ 8BC5D9

■ A1CAD9

■ B6D0D9

■ CCD6D9

■ E2DBD9

■ F7E1D9

# Harmonies

## Analogous

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



11B3C0



34AED9



70A5E3

# Triad

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



34AED9



DE88A4



97A967

# Complementary

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



34AED9



D95F34

# 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.



B89F60



34AED9



E18B84

# Square

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



34AED9



CA8EC4



D3946B



70B07F

# Rectangle

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



34AED9



949EE0



D3946B



A3A663

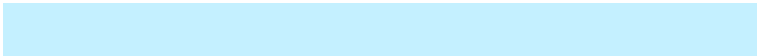


# Sweetspot

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



34AED9



C4F0FF



34D95D



5C7680



000000



808080

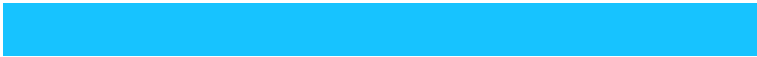


# Same Dimension

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



34AED9



17C3FF



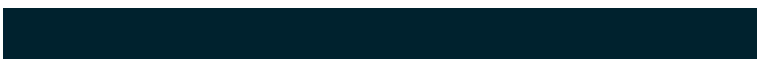
345DD9



636B6E



0080AD



00222E



# Inverse Universe

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



D934AE



FF17C3



D9B034



6E636B



AD0080



2E0022



# Previews

## White Background



This preview shows how the Hex color 34AED9 looks on a white background.

## Color Contrast Check

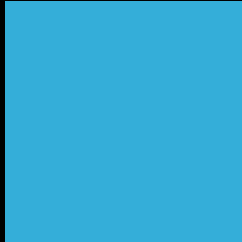
Large Text (above 18pt) WCAG AA × Fail

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 34AED9 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 34AED9 Background



This preview shows how black text looks on a background with the Hex color 34AED9.

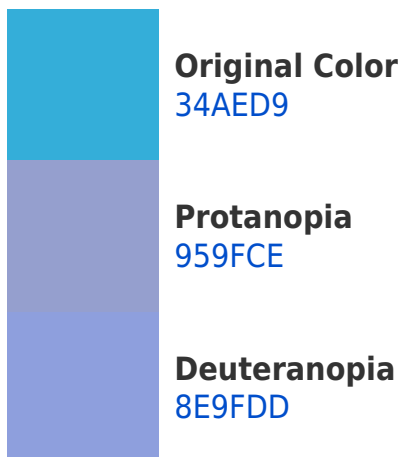


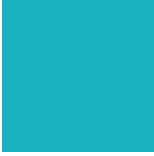
This preview shows how white text looks on a background with the Hex color 34AED9.

# 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](#).

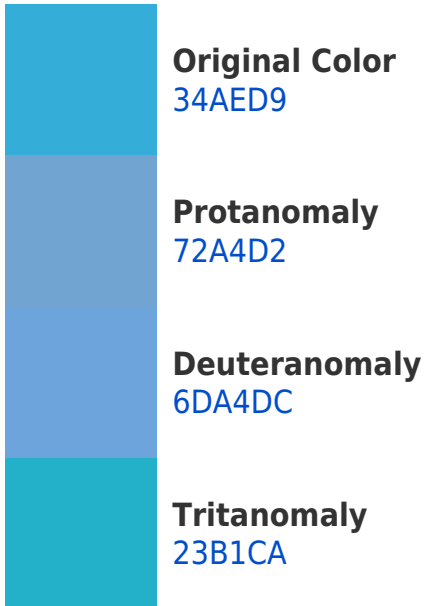
## Dichromacy





**Tritanopia**  
1AB2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34AED9 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 #34AED9 looks like.

```
.text, #text, p{  
    color:#34AED9  
}
```

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 #34AED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34AED9
}
```

## Border

The CSS property to change the border of an element to Hex 34AED9 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
#34AED9 }
```

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

```
.border{ border-color:#34AED9 }
```

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

Here you see how a box with a 4 pixel #34AED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34AED9; -webkit-box-shadow:4px 4px  
4px 4px #34AED9; box-shadow:4px 4px 4px  
4px #34AED9 }
```

# Background

The CSS property to change the background color of an element to Hex 34AED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34AED9 }
```

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

```
.background{ background-color:#34AED9 }
```

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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