

# Converting Colors

Hex(34C4E4)

Have a look what the booklet for  
Hex(34C4E4) contains.

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# **Color**

**Hex(34C4E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34C4E4
RGB	52, 196, 228
RGB Percent	20%, 77%, 89%
CMY	0.7961, 0.2314, 0.1059
CMYK	0.77, 0.14, 0.00, 0.11
HSL	191°, 77%, 55%
HSV	191°, 77%, 89%
XYZ	35.1597, 45.8114, 80.3882
YIQ	156.5920, -96.0960, -20.5760

# Conversions

## Conversions Part 2

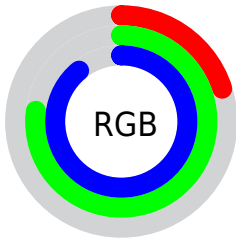
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 131, 228
Decimal	3458276
CIELab	73.42, -26.52, -26.58
CIELCh	73, 37.549, 225.073
Yxy	45.8114, 0.2179, 0.2839
Android (android.graphics.Color)	4281648356 (0xFF34C4E4)
YUV	156.5920, 35.2041, -91.7272
Hunter-Lab	67.6841, -25.7222, -23.0397

# Details

The Hex color **34C4E4** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E45434**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7DFDFF**, and **008EAC** is the 20% darker color. If you saturate the color by 10%, you get **1DC0E4**, and if you desaturate by 10%, it is **4BC8E4**.

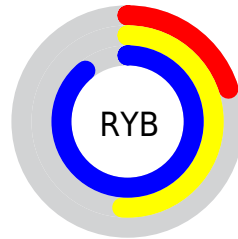
# Distribution



Red (20%)

Green (77%)

Blue (89%)



Red (20%)

Yellow (51%)

Blue (89%)

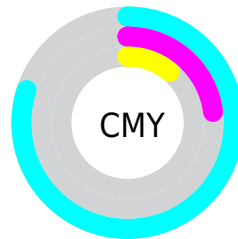


Cyan (77%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (80%)

Magenta (23%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34C4E4 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 34C4E4 by changing the saturation by 10% instead.



 34C4E4

 34C4E4

FFFFFF

 00A9C8

 7DFDFF

 008EAC

 9DFFFF

 007492

 BCFFFF

 005B78

 DBFFFF

 00435F

 FAFFFF

 002D47

 001731

 00011C

 000000

 34C4E4

 34C4E4

 1DC0E4

 4BC8E4

 06BCE4

 62CCE4

 00BBE4

 78D0E4

 8FD5E4

 A6D9E4

 BDDDE4

 D4E1E4

 EAE5E4

 FFE9E4

# Harmonies

## Analogous

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



3CC7C5



34C4E4



67BDF6

# Triad

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



34C4E4



ED9CC7



BAB871

# Complementary

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



34C4E4



E45434

# 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.



DAAC72



34C4E4



F89AA4

# Square

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



34C4E4



CEA5E5



F1A185



93C183

# Rectangle

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



34C4E4



8DB6F8



F1A185



C6B46F

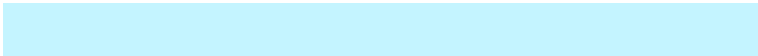


# Sweetspot

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



34C4E4



C4F4FF



34E451



5C7980



000000



808080

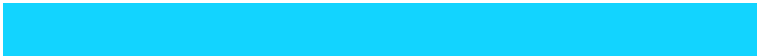


# Same Dimension

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



34C4E4



12D4FF



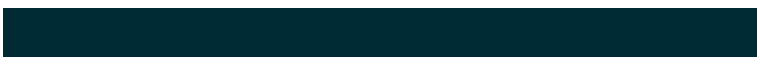
346FE4



677173



0092B3



002A33



# Inverse Universe

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



E434C4



FF12D4



E4A934



736771



B30092

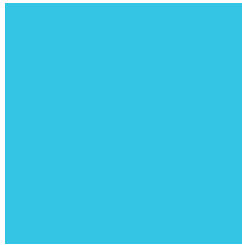


33002A



# Previews

## White Background



This preview shows how the Hex color 34C4E4 looks on a white background.

## Color Contrast Check

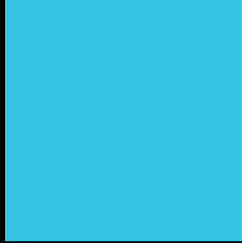
Large Text (above 18pt) WCAG AA × Fail

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 34C4E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

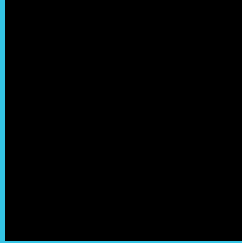
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34C4E4 Background



This preview shows how black text looks on a background with the Hex color 34C4E4.

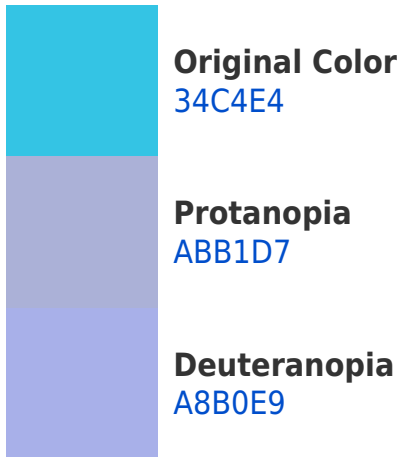


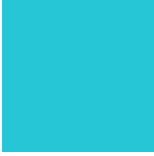
This preview shows how white text looks on a background with the Hex color 34C4E4.

# 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](#).

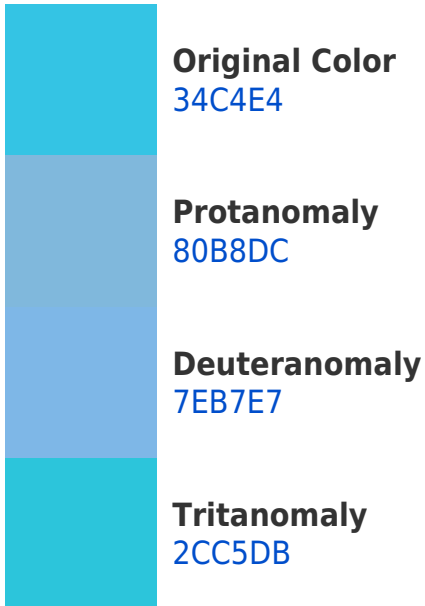
## Dichromacy



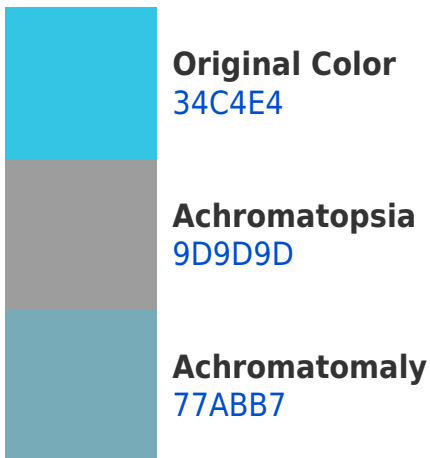


**Tritanopia**  
27C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34C4E4 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 #34C4E4 looks like.

```
.text, #text, p{  
  color:#34C4E4  
}
```

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 #34C4E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C4E4
}
```

## Border

The CSS property to change the border of an element to Hex 34C4E4 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
#34C4E4 }
```

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

```
.border{ border-color:#34C4E4 }
```

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

Here you see how a box with a 4 pixel #34C4E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C4E4; -webkit-box-shadow:4px 4px  
4px 4px #34C4E4; box-shadow:4px 4px 4px  
4px #34C4E4 }
```

# Background

The CSS property to change the background color of an element to Hex 34C4E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C4E4 }
```

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

```
.background{ background-color:#34C4E4 }
```

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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