

# Converting Colors

Hex(34C6E2)

Have a look what the booklet for  
Hex(34C6E2) contains.

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# **Color**

**Hex(34C6E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34C6E2
RGB	52, 198, 226
RGB Percent	20%, 78%, 89%
CMY	0.7961, 0.2235, 0.1137
CMYK	0.77, 0.12, 0.00, 0.11
HSL	190°, 75%, 55%
HSV	190°, 77%, 89%
XYZ	35.3377, 46.6092, 79.0855
YIQ	157.5380, -96.0040, -22.2440

# Conversions

## Conversions Part 2

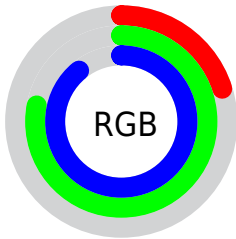
Format	Color
<b>RYB</b>	52, 131, 226
Decimal	3458786
CIELab	73.94, -28.14, -24.71
CIELCh	74, 37.449, 221.293
Yxy	46.6092, 0.2194, 0.2894
Android (android.graphics.Color)	4281648866 (0xFF34C6E2)
YUV	157.5380, 33.7518, -92.5568
Hunter-Lab	68.2709, -27.0808, -20.8922

# Details

The Hex color **34C6E2** 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 **E25034**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7DFFFF**, and **0090AB** is the 20% darker color. If you saturate the color by 10%, you get **1DC2E2**, and if you desaturate by 10%, it is **4BCAE2**.

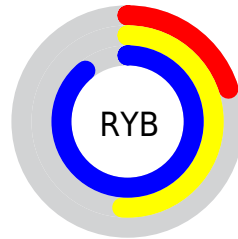
# Distribution



Red (20%)

Green (78%)

Blue (89%)



Red (20%)

Yellow (51%)

Blue (89%)

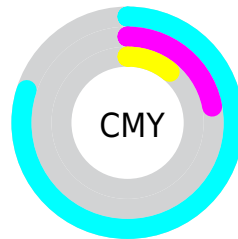


Cyan (77%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (80%)

Magenta (22%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34C6E2 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 34C6E2 by changing the saturation by 10% instead.



 34C6E2

 34C6E2

FFFFFF

 00ABC6

 7DFFFF

 0090AB

 9DFFFF

 007690

 BCFFFF

 005D76

 DBFFFF

 00455E

 FAFFFF

 002E46

 00182F

 00011A

 000000

 34C6E2

 34C6E2

 1DC2E2

 4BCAE2

 07BFE2

 61CDE2

 00BEE2

 78D1E2

 8ED5E2

 A5D8E2

 BCDCE2

 D2DFE2

 E9E3E2

 FFE7E2

# Harmonies

## Analogous

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



44C8C2



34C6E2



61BFF6

# Triad

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



34C6E2



EB9ECD



C0B871

# Complementary

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



34C6E2



E25034

# 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.



DFAC75



34C6E2



F99BAA

# Square

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



34C6E2



CBA8EA



F4A18A



9AC181

# Rectangle

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



34C6E2



88B9FA



F4A18A



CBB470

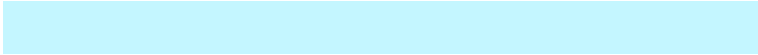


# Sweetspot

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



34C6E2



C4F6FF



34E24E



5C7A80



000000



808080

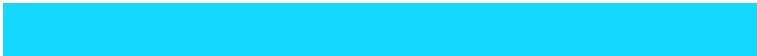


# Same Dimension

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



34C6E2



14D9FF



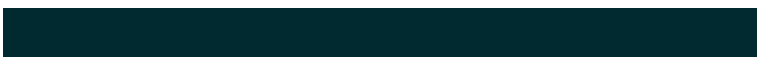
3471E2



656E70



0094B0



002930



# Inverse Universe

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



E234C6



FF14D9



E2A534



70656E



B00094

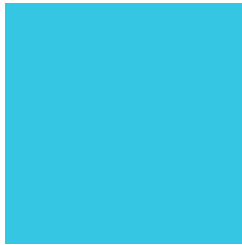


300029



# Previews

## White Background



This preview shows how the Hex color 34C6E2 looks on a white background.

## Color Contrast Check

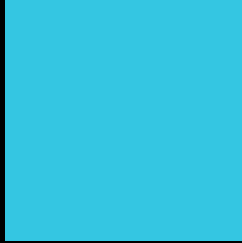
Large Text (above 18pt) WCAG AA × Fail

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 34C6E2 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 34C6E2 Background



This preview shows how black text looks on a background with the Hex color 34C6E2.

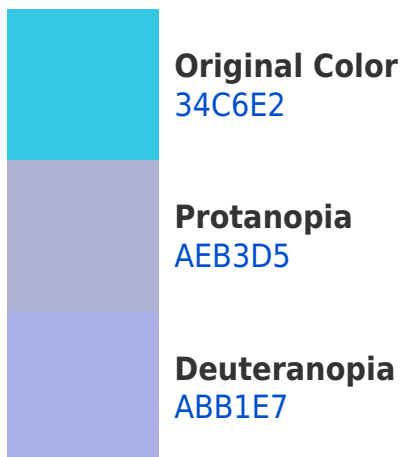


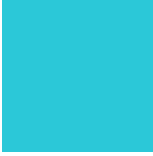
This preview shows how white text looks on a background with the Hex color 34C6E2.

# 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**  
2BC8D8

# Trichromacy



**Original Color**  
34C6E2



**Protanomaly**  
82BADA



**Deuteranomaly**  
80B9E5



**Tritanomaly**  
2EC7DC

# Monochromacy



**Original Color**  
34C6E2



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
77ADB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34C6E2 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 #34C6E2 looks like.

```
.text, #text, p{  
    color:#34C6E2  
}
```

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 #34C6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C6E2
}
```

## Border

The CSS property to change the border of an element to Hex 34C6E2 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
#34C6E2 }
```

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

```
.border{ border-color:#34C6E2 }
```

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

Here you see how a box with a 4 pixel #34C6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C6E2; -webkit-box-shadow:4px 4px  
4px 4px #34C6E2; box-shadow:4px 4px 4px  
4px #34C6E2 }
```

# Background

The CSS property to change the background color of an element to Hex 34C6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C6E2 }
```

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

```
.background{ background-color:#34C6E2 }
```

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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