

# Converting Colors

Hex(3CB6E1)

Have a look what the booklet for  
Hex(3CB6E1) contains.

<b>Hex(3CB6E1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(3CB6E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CB6E1
RGB	60, 182, 225
RGB Percent	24%, 71%, 88%
CMY	0.7647, 0.2863, 0.1176
CMYK	0.73, 0.19, 0.00, 0.12
HSL	196°, 73%, 56%
HSV	196°, 73%, 88%
XYZ	32.1820, 39.8528, 77.2303
YIQ	150.4240, -86.5150, -12.4910

# Conversions

## Conversions Part 2

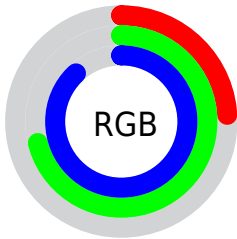
Format	Color
R <sub>YB</sub>	60, 130, 225
Decimal	3978977
CIE <sub>Lab</sub>	69.36, -19.46, -31.18
CIE <sub>LCh</sub>	69, 36.755, 238.038
Yxy	39.8528, 0.2156, 0.2670
Android (android.graphics.Color)	4282169057 (0xFF3CB6E1)
YUV	150.4240, 36.7660, -79.3018
Hunter-Lab	63.1291, -19.4799, -28.3434

# Details

The Hex color **3CB6E1** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E1673C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **81EEFF**, and **0081AA** is the 20% darker color. If you saturate the color by 10%, you get **26B0E1**, and if you desaturate by 10%, it is **53BCE1**.

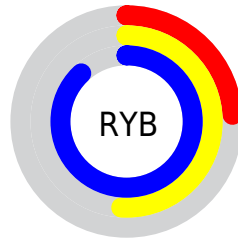
# Distribution



Red (24%)

Green (71%)

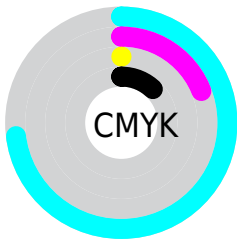
Blue (88%)



Red (24%)

Yellow (51%)

Blue (88%)

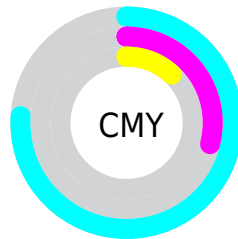


Cyan (73%)

Magenta (19%)

Yellow (0%)

Black (12%)



Cyan (76%)

Magenta (29%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CB6E1 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 3CB6E1 by changing the saturation by 10% instead.



 3CB6E1

 3CB6E1

FFFFFF

 009BC5

 81EEFF

 0081AA

 A0FFFF

 00688F

 BEFFFF

 005075

 DDFFFF

 00395C

 FCFFFF

 002344

 00042E

 000119

 000000

■ 3CB6E1

■ 3CB6E1

■ 26B0E1

■ 53BCE1

■ 0FAAE1

■ 69C2E1

■ 00A6E1

■ 7FC8E1

■ 96CDE1

■ ADD3E1

■ C3D9E1

■ DADFE1

■ F0E5E1

■ FFEBE1

# Harmonies

## Analogous

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



22BBC8



3CB6E1



76ADEB

# Triad

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



3CB6E1



E790AD



9FB16D

# Complementary

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



3CB6E1



E1673C

# 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.



C1A766



3CB6E1



EA928C

# Square

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



3CB6E1



D196CD



DC9B72



78B885

# Rectangle

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



3CB6E1



9AA6E9



DC9B72



ABAE69

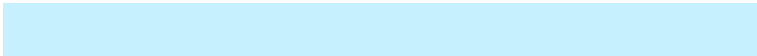


# Sweetspot

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



3CB6E1



C7F0FF



3CE165



5E7780



000000



808080



# Same Dimension

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



3CB6E1



1FC5FF



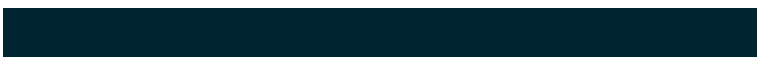
3C65E1



656D70



0082B0



002430



# Inverse Universe

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



E13CB6



FF1FC5



E1B83C



70656D



B00082

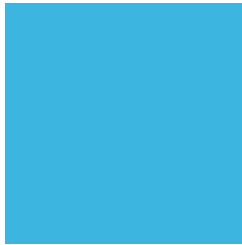


300024



# Previews

## White Background



This preview shows how the Hex color 3CB6E1 looks on a white background.

## Color Contrast Check

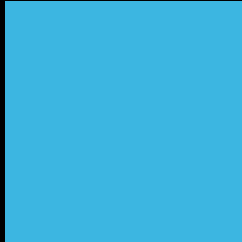
Large Text (above 18pt) WCAG AA × Fail

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 3CB6E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

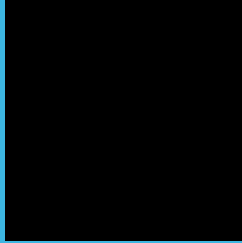
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CB6E1 Background



This preview shows how black text looks on a background with the Hex color 3CB6E1.

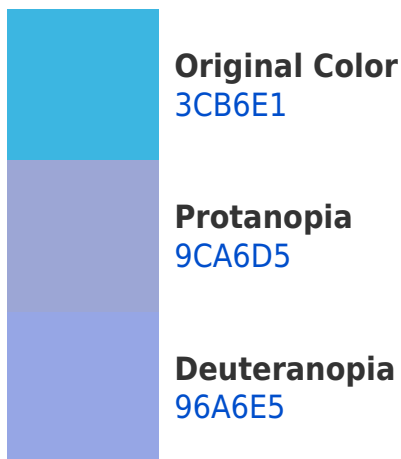


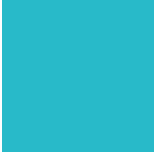
This preview shows how white text looks on a background with the Hex color 3CB6E1.

# 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](#).

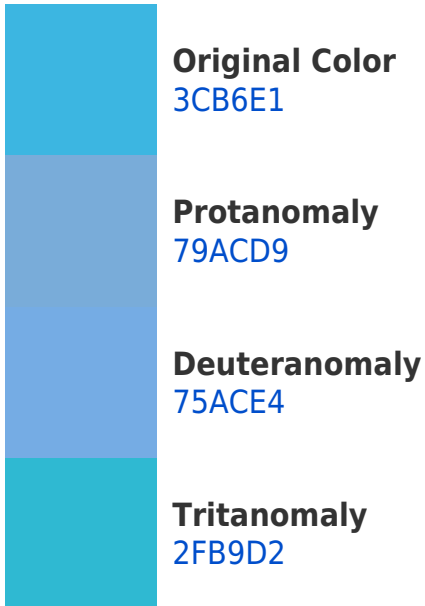
## Dichromacy





**Tritanopia**  
28BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CB6E1 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 #3CB6E1 looks like.

```
.text, #text, p{  
    color:#3CB6E1  
}
```

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 #3CB6E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CB6E1
}
```

## Border

The CSS property to change the border of an element to Hex 3CB6E1 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
#3CB6E1 }
```

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

```
.border{ border-color:#3CB6E1 }
```

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

Here you see how a box with a 4 pixel #3CB6E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CB6E1; -webkit-box-shadow:4px 4px  
4px 4px #3CB6E1; box-shadow:4px 4px 4px  
4px #3CB6E1 }
```

# Background

The CSS property to change the background color of an element to Hex 3CB6E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CB6E1 }
```

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

```
.background{ background-color:#3CB6E1 }
```

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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