

# Converting Colors

Hex(3AB8E0)

Have a look what the booklet for  
Hex(3AB8E0) contains.

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# **Color**

**Hex(3AB8E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AB8E0
RGB	58, 184, 224
RGB Percent	23%, 72%, 88%
CMY	0.7725, 0.2784, 0.1216
CMYK	0.74, 0.18, 0.00, 0.12
HSL	194°, 73%, 55%
HSV	194°, 74%, 88%
XYZ	32.3400, 40.5623, 76.6458
YIQ	150.8860, -87.9360, -14.2720

# Conversions

## Conversions Part 2

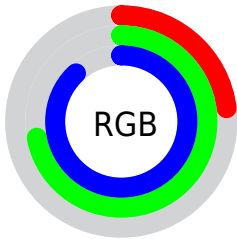
Format	Color
<a href="#">RYB</a>	58, 130, 224
Decimal	3848416
CIELab	69.87, -21.06, -29.86
CIELCh	70, 36.542, 234.810
Yxy	40.5623, 0.2163, 0.2712
Android (android.graphics.Color)	4282038496 (0xFF3AB8E0)
YUV	150.8860, 36.0452, -81.4610
Hunter-Lab	63.6886, -20.8158, -26.7704

# Details

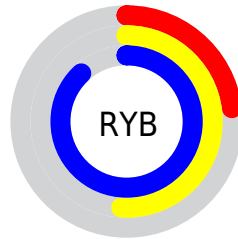
The Hex color **3AB8E0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E0623A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7FF0FF**, and **0083A9** is the 20% darker color. If you saturate the color by 10%, you get **24B3E0**, and if you desaturate by 10%, it is **50BDE0**.

# Distribution



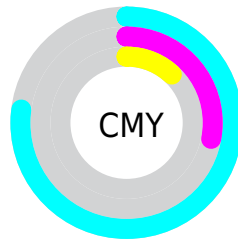
- Red (23%)
- Green (72%)
- Blue (88%)



- Red (23%)
- Yellow (51%)
- Blue (88%)



- Cyan (74%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (77%)
- Magenta (28%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AB8E0 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 3AB8E0 by changing the saturation by 10% instead.



 3AB8E0

 3AB8E0

FFFFFF

 009DC4

 7FF0FF

 0083A9

 9EFFFF

 006A8E

 BDFFFF

 005174

 DCFFFF

 003A5C

 FBFFFF

 002444

 00032E

 000118

 000000

■ 3AB8E0

■ 3AB8E0

■ 24B3E0

■ 50BDE0

■ 0DADE0

■ 67C3E0

■ 00AAE0

■ 7DC8E0

■ 94CEE0

■ AAD3E0

■ C0D8E0

■ D7DEE0

■ EDE3E0

■ FFE9E0

# Harmonies

## Analogous

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



2ABCC5



3AB8E0



72B0EC

# Triad

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



3AB8E0



E792B2



A5B16D

# Complementary

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



3AB8E0



E0623A

# 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.



C6A768



3AB8E0



EB9391

# Square

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



3AB8E0



CF99D1



DF9B76



7EB883

# Rectangle

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



3AB8E0



96A8EB



DF9B76



B0AE6A

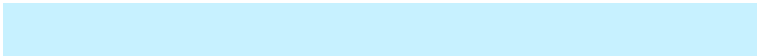


# Sweetspot

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



3AB8E0



C7F1FF



3AE061



5E7880



000000



808080



# Same Dimension

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



3AB8E0



1CC8FF



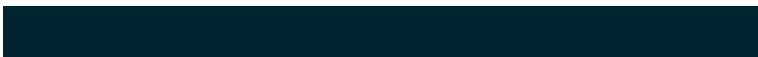
3A66E0



656D70



0086B0



002530



# Inverse Universe

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



E03AB8



FF1CC8



E0B43A



70656D



B00086

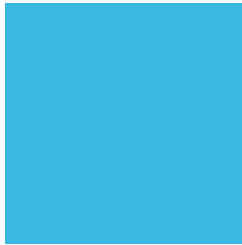


300025



# Previews

## White Background



This preview shows how the Hex color 3AB8E0 looks on a white background.

## Color Contrast Check

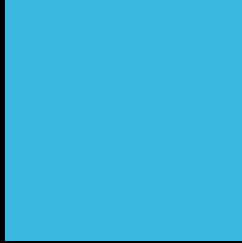
Large Text (above 18pt) WCAG AA × Fail

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 3AB8E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

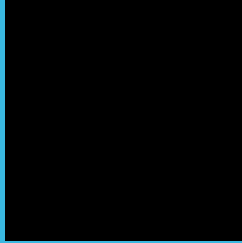
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3AB8E0 Background



This preview shows how black text looks on a background with the Hex color 3AB8E0.

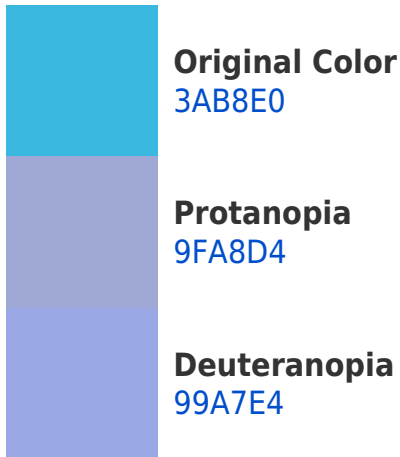


This preview shows how white text looks on a background with the Hex color 3AB8E0.

# 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](#).

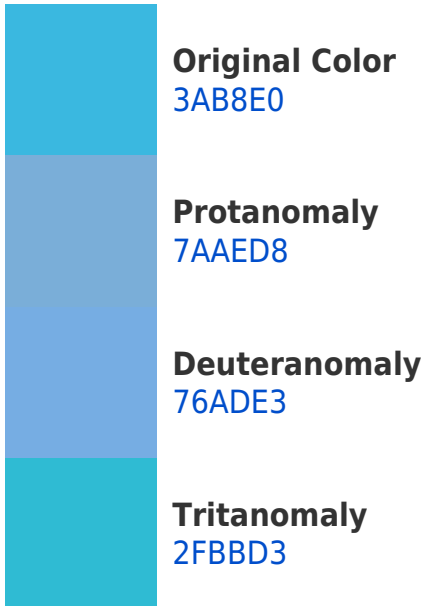
## Dichromacy





**Tritanopia**  
28BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AB8E0 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 #3AB8E0 looks like.

```
.text, #text, p{  
    color:#3AB8E0  
}
```

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 #3AB8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AB8E0
}
```

## Border

The CSS property to change the border of an element to Hex 3AB8E0 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
#3AB8E0 }
```

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

```
.border{ border-color:#3AB8E0 }
```

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

Here you see how a box with a 4 pixel #3AB8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AB8E0; -webkit-box-shadow:4px 4px  
4px 4px #3AB8E0; box-shadow:4px 4px 4px  
4px #3AB8E0 }
```

# Background

The CSS property to change the background color of an element to Hex 3AB8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AB8E0 }
```

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

```
.background{ background-color:#3AB8E0 }
```

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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