

# Converting Colors

Hex(08BAE3)

Have a look what the booklet for  
Hex(08BAE3) contains.

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# Color

**Hex(08BAE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08BAE3
RGB	8, 186, 227
RGB Percent	3%, 73%, 89%
CMY	0.9686, 0.2706, 0.1098
CMYK	0.96, 0.18, 0.00, 0.11
HSL	191°, 93%, 46%
HSV	191°, 96%, 89%
XYZ	31.5242, 40.7155, 78.8704
YIQ	137.4520, -119.2490, -24.9850

# Conversions

## Conversions Part 2

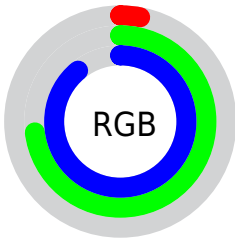
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 106, 227
Decimal	572131
CIELab	69.98, -24.48, -31.38
CIELCh	70, 39.804, 232.039
Yxy	40.7155, 0.2086, 0.2694
Android (android.graphics.Color)	4278762211 (0xFF08BAE3)
YUV	137.4520, 44.1472, -113.5294
Hunter-Lab	63.8087, -23.4787, -28.6190

# Details

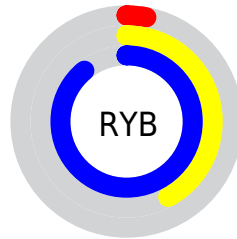
The Hex color **08BAE3** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E33108**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6DF2FF**, and **0085AB** is the 20% darker color. If you saturate the color by 10%, you get **00B9E3**, and if you desaturate by 10%, it is **1FBEE3**.

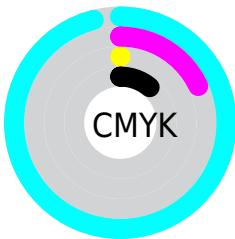
# Distribution



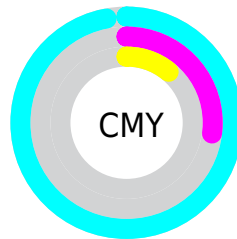
- Red (3%)
- Green (73%)
- Blue (89%)



- Red (3%)
- Yellow (42%)
- Blue (89%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (97%)
- Magenta (27%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08BAE3 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 08BAE3 by changing the saturation by 10% instead.



08BAE3

08BAE3

FFFFFF

009FC7

6DF2FF

0085AB

8EFFFF

006B91

AFFFFFF

005377

CEFFFF

003B5E

EDFFFF

002646

000430

00011A

000000

■ 08BAE3

■ 08BAE3

■ 00B9E3

■ 1FBEE3

■ 35C2E3

■ 4CC7E3

■ 63CBE3

■ 7ACFE3

■ 90D3E3

■ A7D8E3

■ BEDCE3

■ D4E0E3

# Harmonies

## Analogous

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



00BEC5



08BAE3



63B2F2

# Triad

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



08BAE3



EA8FB6



A7B167

# Complementary

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



08BAE3



E33108

# 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.



CBA663



08BAE3



F19092

# Square

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



08BAE3



CF98D8



E59973



7EB97D

# Rectangle

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



08BAE3



8EAAF1



E59973



B4AE63

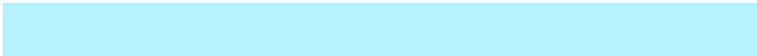


# Sweetspot

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



08BAE3



B5F1FF



08E330



537780



000000



808080

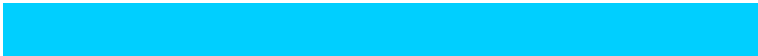


# Same Dimension

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



08BAE3



00CFFF



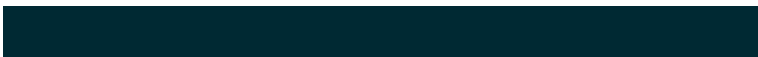
084DE3



677173



0091B3



002933



# Inverse Universe

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



E308BA



FF00CF



E39E08



736771



B30091

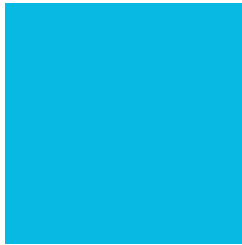


330029



# Previews

## White Background



This preview shows how the Hex color 08BAE3 looks on a white background.

## Color Contrast Check

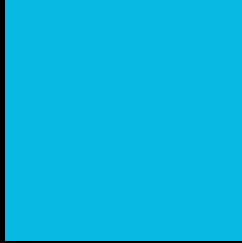
Large Text (above 18pt) WCAG AA × Fail

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 08BAE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

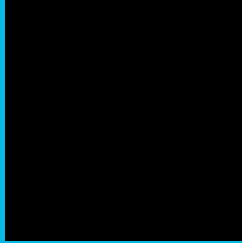
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 08BAE3 Background



This preview shows how black text looks on a background with the Hex color 08BAE3.

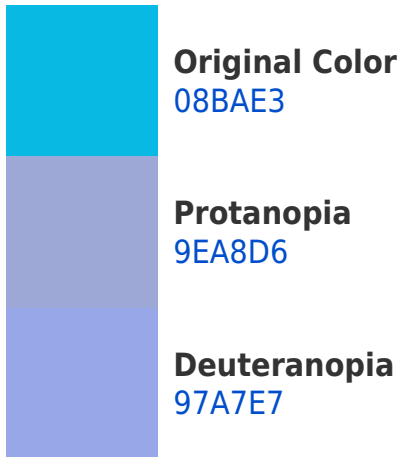


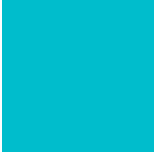
This preview shows how white text looks on a background with the Hex color 08BAE3.

# Color Blindness Simulation

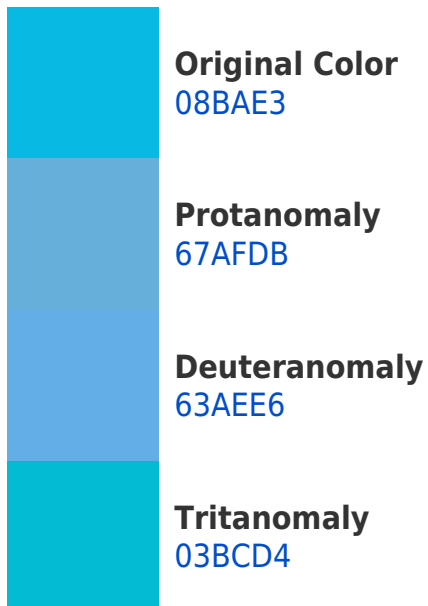
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

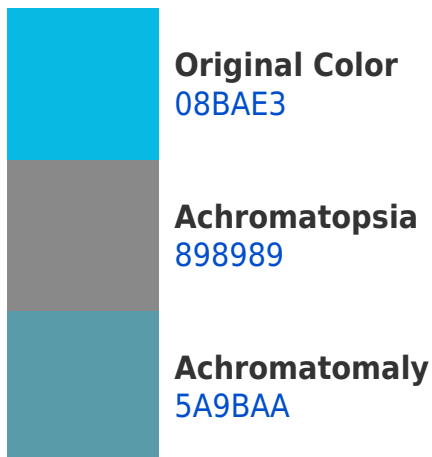




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08BAE3 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 #08BAE3 looks like.

```
.text, #text, p{  
    color:#08BAE3  
}
```

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 #08BAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08BAE3
}
```

## Border

The CSS property to change the border of an element to Hex 08BAE3 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
#08BAE3 }
```

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

```
.border{ border-color:#08BAE3 }
```

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

Here you see how a box with a 4 pixel #08BAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08BAE3; -webkit-box-shadow:4px 4px  
4px 4px #08BAE3; box-shadow:4px 4px 4px  
4px #08BAE3 }
```

# Background

The CSS property to change the background color of an element to Hex 08BAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08BAE3 }
```

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

```
.background{ background-color:#08BAE3 }
```

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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