

# Converting Colors

Hex(08CEE5)

Have a look what the booklet for  
Hex(08CEE5) contains.

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# Color

Hex(08CEE5)

# Conversions

## Conversions Part 1

Format	Color
Hex	08CEE5
RGB	8, 206, 229
RGB Percent	3%, 81%, 90%
CMY	0.9686, 0.1922, 0.1020
CMYK	0.97, 0.10, 0.00, 0.10
HSL	186°, 93%, 46%
HSV	186°, 97%, 90%
XYZ	36.3143, 49.8514, 81.8371
YIQ	149.4200, -125.3910, -34.8230

# Conversions

## Conversions Part 2

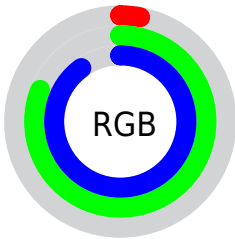
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	8, 112, 229
Decimal	577253
CIE Lab	75.98, -33.64, -23.26
CIE LCh	76, 40.901, 214.658
Yxy	49.8514, 0.2162, 0.2967
Android (android.graphics.Color)	4278767333 (0xFF08CEE5)
YUV	149.4200, 39.2329, -124.0253
Hunter-Lab	70.6055, -31.7523, -19.2977

# Details

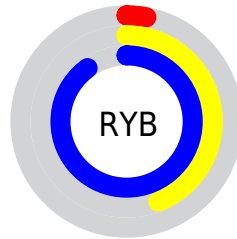
The Hex color **08CEE5** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **E51F08**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **70FFFF**, and **0097AD** is the 20% darker color. If you saturate the color by 10%, you get **00CDE5**, and if you desaturate by 10%, it is **1FD0E5**.

# Distribution



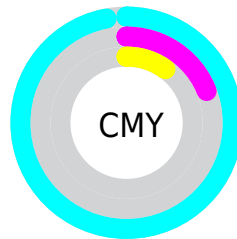
- Red (3%)
- Green (81%)
- Blue (90%)



- Red (3%)
- Yellow (44%)
- Blue (90%)



- Cyan (97%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (97%)
- Magenta (19%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08CEE5 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 08CEE5 by changing the saturation by 10% instead.



 08CEE5

 08CEE5

FFFFFF

 00B2C9

 70FFFF

 0097AD

 91FFFF

 007D93

 B2FFFF

 006379

 D1FFFF

 004B60

 F1FFFF

 003348

 001F32

 00021D

 000000

■ 08CEE5

■ 08CEE5

■ 00CDE5

■ 1FD0E5

■ 36D3E5

■ 4DD5E5

■ 64D8E5

■ 7ADAE5

■ 91DCE5

■ A8DFE5

■ BFE1E5

■ D6E3E5

# Harmonies

## Analogous

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



42D0C0



08CEE5



49C8FF

# Triad

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



08CEE5



F0A3DC



CEBB6F

# Complementary

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



08CEE5



E51F08

# 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.



EFAE78



08CEE5



FF9EB7

# Square

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



08CEE5



C7AFF9



FFA292



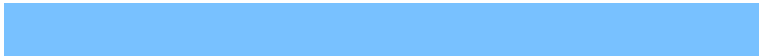
A6C67C

# Rectangle

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



08CEE5



78C1FF



FFA292



DAB770



# Sweetspot

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



08CEE5



B5F7FF



08E51E



537B80



000000



808080



# Same Dimension

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



08CEE5



00E4FF



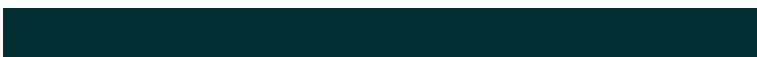
0860E5



677273



00A0B3



002E33



# Inverse Universe

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



E508CE



FF00E4



E58D08



736772



B300A0

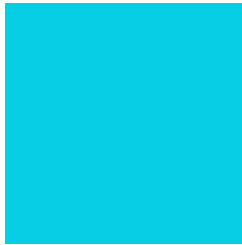


33002E



# Previews

## White Background



This preview shows how the Hex color 08CEE5 looks on a white background.

## Color Contrast Check

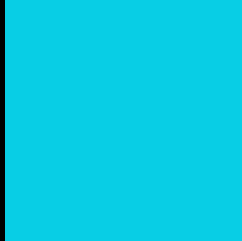
Large Text (above 18pt) WCAG AA × Fail

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 08CEE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

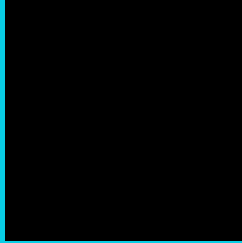
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 08CEE5 Background



This preview shows how black text looks on a background with the Hex color 08CEE5.



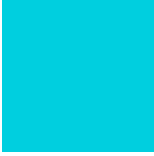
This preview shows how white text looks on a background with the Hex color 08CEE5.

# 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



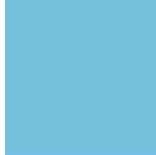


**Tritanopia**  
00CFDF

# Trichromacy



**Original Color**  
08CEE5



**Protanomaly**  
75C0DB



**Deuteranomaly**  
75BFE8



**Tritanomaly**  
03CFE1

# Monochromacy



**Original Color**  
08CEE5



**Achromatopsia**  
959595



**Achromatomaly**  
62AAB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08CEE5 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 #08CEE5 looks like.

```
.text, #text, p{  
    color:#08CEE5  
}
```

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 #08CEE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08CEE5
}
```

## Border

The CSS property to change the border of an element to Hex 08CEE5 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
#08CEE5 }
```

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

```
.border{ border-color:#08CEE5 }
```

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

Here you see how a box with a 4 pixel #08CEE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08CEE5; -webkit-box-shadow:4px 4px  
4px 4px #08CEE5; box-shadow:4px 4px 4px  
4px #08CEE5 }
```

# Background

The CSS property to change the background color of an element to Hex 08CEE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08CEE5 }
```

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

```
.background{ background-color:#08CEE5 }
```

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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