

# Converting Colors

Hex(086ECE)

Have a look what the booklet for  
Hex(086ECE) contains.

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# Color

**Hex(086ECE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	086ECE
RGB	8, 110, 206
RGB Percent	3%, 43%, 81%
CMY	0.9686, 0.5686, 0.1922
CMYK	0.96, 0.47, 0.00, 0.19
HSL	209°, 93%, 42%
HSV	209°, 96%, 81%
XYZ	16.8166, 15.6597, 60.5288
YIQ	90.4460, -91.6080, 8.2320

# Conversions

## Conversions Part 2

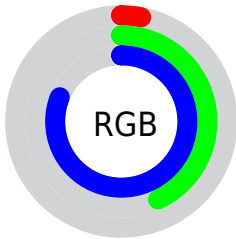
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">8, 75, 206</a>
Decimal	<a href="#">552654</a>
CIELab	<a href="#">46.52, 11.19, -56.65</a>
CIELCh	<a href="#">47, 57.743, 281.177</a>
Yxy	<a href="#">15.6597, 0.1808, 0.1684</a>
Android (android.graphics.Color)	<a href="#">4278742734</a> ( <a href="#">0xFF086ECE</a> )
YUV	<a href="#">90.4460, 56.9681, -72.3051</a>
Hunter-Lab	<a href="#">39.5724, 6.6036, -62.9877</a>

# Details

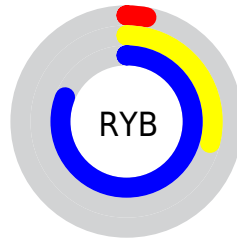
The Hex color **086ECE** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CE6808**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **65A1FF**, and **004097** is the 20% darker color. If you saturate the color by 10%, you get **006ACE**, and if you desaturate by 10%, it is **1D78CE**.

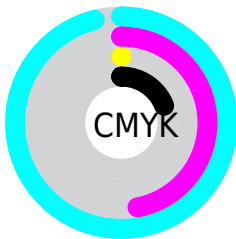
# Distribution



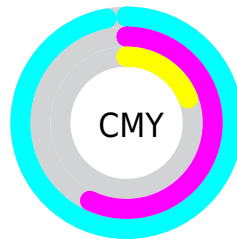
- Red (3%)
- Green (43%)
- Blue (81%)



- Red (3%)
- Yellow (29%)
- Blue (81%)



- Cyan (96%)
- Magenta (47%)
- Yellow (0%)
- Black (19%)



- Cyan (97%)
- Magenta (57%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 086ECE 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 086ECE by changing the saturation by 10% instead.



 086ECE

 086ECE

FFFFFF

 0056B2

 65A1FF

 004097

 85BCFF

 002B7C

 A3D7FF

 001863

 C2F4FF

 00094A

 E0FFFF

 000433

 00021D

 000000

 086ECE

 086ECE

■ 006ACE

■ 1D78CE

■ 3182CE

■ 468CCE

■ 5A96CE

■ 6FA0CE

■ 84AACE

■ 98B4CE

■ ADBECE

■ C1C8CE

# Harmonies

## Analogous

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



007CCA



086ECE



8759B8

# Triad

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



086ECE



BA4B30



00824D

# Complementary

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



086ECE



CE6808

# 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.



3D7D1C



086ECE



9D6100

# Square

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



086ECE



C43B5E



747200



008480

# Rectangle

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



086ECE



A9499E



747200



00813D

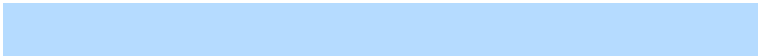


# Sweetspot

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



086ECE



B5DBFF



08CE68



536A80



000000



808080

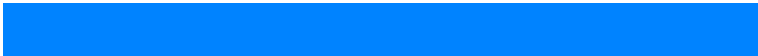


# Same Dimension

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



086ECE



0083FF



080BCE



5C6166



0055A6



001426



# Inverse Universe

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



CE086E



FF0083



CECB08



665C61



A60055



260014



# Previews

## White Background



This preview shows how the Hex color 086ECE looks on a white background.

## Color Contrast Check

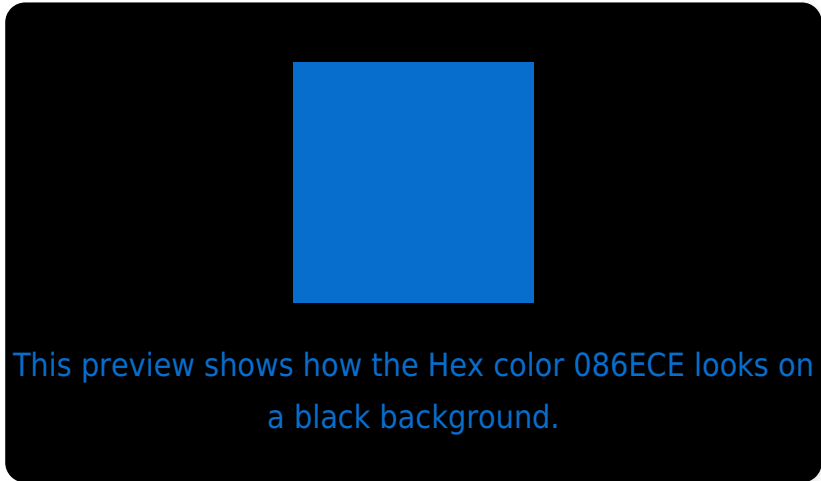
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

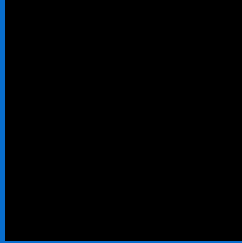
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 086ECE Background



This preview shows how black text looks on a background with the Hex color 086ECE.



This preview shows how white text looks on a background with the Hex color 086ECE.

# 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



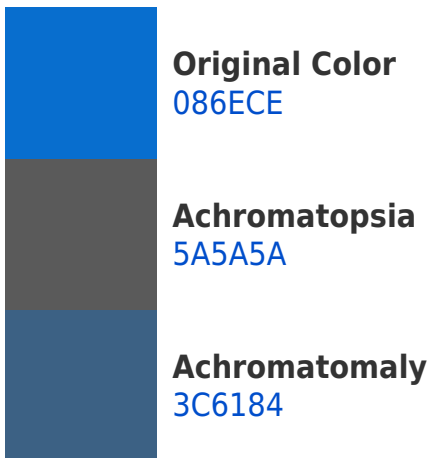


**Tritanopia**  
007A82

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 086ECE 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 #086ECE looks like.

```
.text, #text, p{  
    color:#086ECE  
}
```

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 #086ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #086ECE
}
```

## Border

The CSS property to change the border of an element to Hex 086ECE is called "border". The border property can be set on classes, ids or directly on the HTML element.

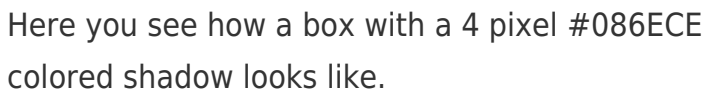
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#086ECE }
```

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

```
.border{ border-color:#086ECE }
```

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



Here you see how a box with a 4 pixel #086ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #086ECE; -webkit-box-shadow:4px 4px  
4px 4px #086ECE; box-shadow:4px 4px 4px  
4px #086ECE }
```

# Background

The CSS property to change the background color of an element to Hex 086ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#086ECE }
```

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

```
.background{ background-color:#086ECE }
```

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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