

Converting Colors

Hex(006ECE)

Have a look what the booklet for
Hex(006ECE) contains.

Hex(006ECE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(006ECE)

Conversions

Conversions Part 1

Format	Color
Hex	006ECE
RGB	0, 110, 206
RGB Percent	0%, 43%, 81%
CMY	1.0000, 0.5686, 0.1922
CMYK	1.00, 0.47, 0.00, 0.19
HSL	208°, 100%, 40%
HSV	208°, 100%, 81%
XYZ	16.7165, 15.6081, 60.5241
YIQ	88.0540, -96.3760, 6.5360

Conversions

Conversions Part 2

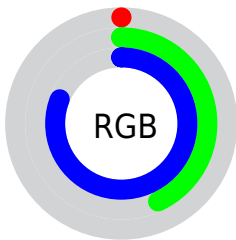
Format	Color
RYB	0, 72, 206
Decimal	28366
CIELab	46.46, 10.93, -56.76
CIELCh	46, 57.805, 280.900
Yxy	15.6081, 0.1800, 0.1681
Android (android.graphics.Color)	4278218446 (0xFF006ECE)
YUV	88.0540, 58.1474, -77.2234
Hunter-Lab	39.5071, 6.3908, -63.1763

Details

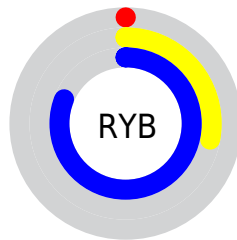
The Hex color **006ECE** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CE6000**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **63A1FF**, and **004097** is the 20% darker color. If you saturate the color by 10%, you get **006ECE**, and if you desaturate by 10%, it is **1578CE**.

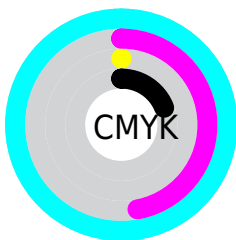
Distribution



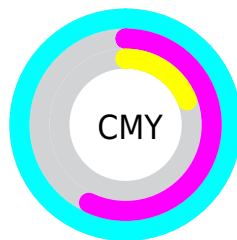
- Red (0%)
- Green (43%)
- Blue (81%)



- Red (0%)
- Yellow (28%)
- Blue (81%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (57%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006ECE 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 006ECE by changing the saturation by 10% instead.

 006ECE

 006ECE

FFFFFF

 0056B2

 63A1FF

 004097

 83BCFF

 002B7C

 A2D7FF

 001863

 C1F4FF

 00094A

 DFFFFF

 000433

FEFFFF

 00021D

 000000

 006ECE

■ 1578CE

■ 2981CE

■ 3E8BCE

■ 5294CE

■ 679ECE

■ 7CA8CE

■ 90B1CE

■ A5BBCE

■ B9C4CE

Harmonies

Analogous

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



007CCA



006ECE



8659B8

Triad

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



006ECE



BA4A30



00824C

Complementary

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



006ECE



CE6000

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.



3E7C1B



006ECE



9D6000

Square

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



006ECE



C43A5E



747100



00847F

Rectangle

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



006ECE



A9499E



747100



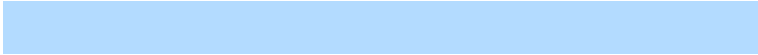
00813C

Sweetspot

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



006ECE



B3DBFF



00CE5D



526A80



000000



808080

Same Dimension

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



006ECE



0088FF



000ACE



5C6166



0059A6



001426

Inverse Universe

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



CE006E



FF0088



CEC400



665C61



A60059



260014

Previews

White Background



This preview shows how the Hex color 006ECE looks on a white background.

Color Contrast Check

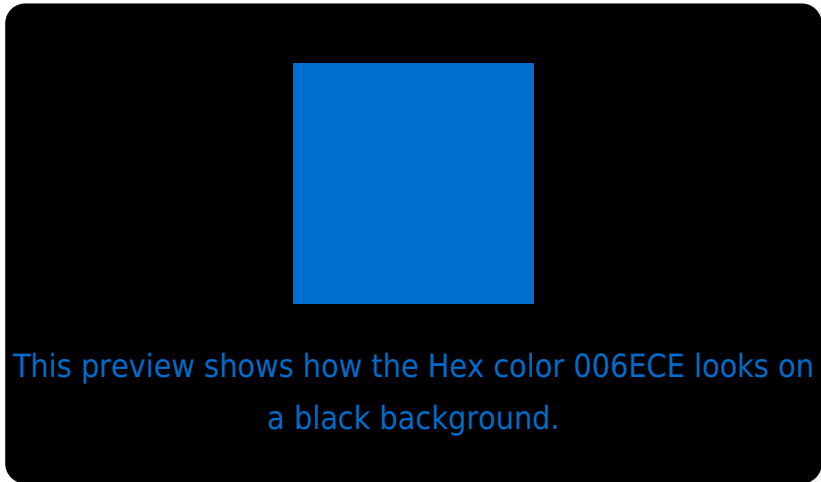
Large Text (above 18pt) WCAG AA ✓ Pass

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

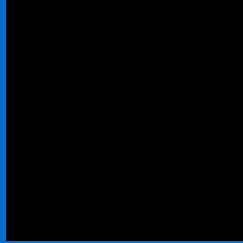
Any Text WCAG AA × Fail

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 006ECE Background



This preview shows how black text looks on a background with the Hex color 006ECE.



This preview shows how white text looks on a background with the Hex color 006ECE.

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



Original Color
006ECE

Protanomaly
276BCB

Deuteranomaly
006FC8

Monochromacy



Original Color
006ECE

Achromatopsia
585858

Achromatomaly
386083

CSS Examples

Text

The CSS property to change the color of the text to Hex 006ECE 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 #006ECE looks like.

```
.text, #text, p{  
    color:#006ECE  
}
```

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 #006ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006ECE
}
```

Border

The CSS property to change the border of an element to Hex 006ECE 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
#006ECE }
```

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

```
.border{ border-color:#006ECE }
```

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

Here you see how a box with a 4 pixel #006ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006ECE; -webkit-box-shadow:4px 4px  
4px 4px #006ECE; box-shadow:4px 4px 4px  
4px #006ECE }
```

Background

The CSS property to change the background color of an element to Hex 006ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006ECE }
```

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

```
.background{ background-color:#006ECE }
```

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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