

Converting Colors

Hex(007ECE)

Have a look what the booklet for
Hex(007ECE) contains.

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Color

Hex(007ECE)

Conversions

Conversions Part 1

Format	Color
Hex	007ECE
RGB	0, 126, 206
RGB Percent	0%, 49%, 81%
CMY	1.0000, 0.5059, 0.1922
CMYK	1.00, 0.39, 0.00, 0.19
HSL	203°, 100%, 40%
HSV	203°, 100%, 81%
XYZ	18.6014, 19.3779, 61.1524
YIQ	97.4460, -100.7760, -1.8320

Conversions

Conversions Part 2

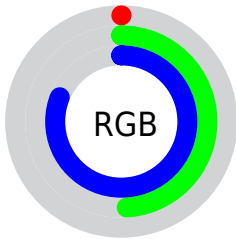
Format	Color
RYB	0, 78, 206
Decimal	32462
CIELab	51.13, 0.96, -49.28
CIElCh	51, 49.286, 271.112
Yxy	19.3779, 0.1876, 0.1955
Android (android.graphics.Color)	4278222542 (0xFF007ECE)
YUV	97.4460, 53.5171, -85.4601
Hunter-Lab	44.0204, -1.6080, -51.5505

Details

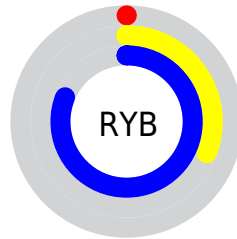
The Hex color **007ECE** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CE5000**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **63B2FF**, and **004E97** is the 20% darker color. If you saturate the color by 10%, you get **007ECE**, and if you desaturate by 10%, it is **1586CE**.

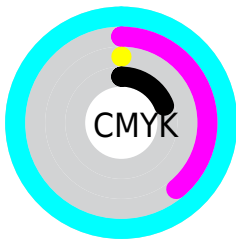
Distribution



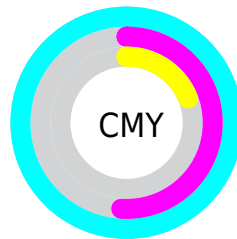
- Red (0%)
- Green (49%)
- Blue (81%)



- Red (0%)
- Yellow (31%)
- Blue (81%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007ECE 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 007ECE by changing the saturation by 10% instead.

 007ECE

 007ECE

FFFFFF

 0065B2

 63B2FF

 004E97

 83CEFF

 00387D

 A2EAFF

 002363

 C1FFFF

 000C4B

 DFFFFFF

 000433

FEFFFF

 00021D

 000000

 007ECE

 1586CE

 298ECE

 3E96CE

 529ECE

 67A6CE

 7CAECE

 90B6CE

 A5BECE

 B9C6CE

Harmonies

Analogous

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



0089C3



007ECE



7D6EC2

Triad

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



007ECE



C45951



238B4F

Complementary

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



007ECE



CE5000

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.



64842C



007ECE



B0682F

Square

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



007ECE



C5537A



8F781E



008E7A

Rectangle

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



007ECE



A162AF



8F781E



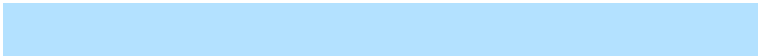
3F8942

Sweetspot

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



007ECE



B3E1FF



00CE4F



526E80



000000



808080

Same Dimension

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



007ECE



009CFF



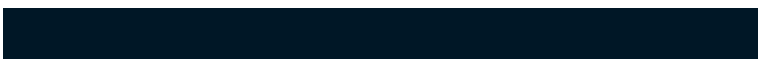
0018CE



5C6266



0065A6



001726

Inverse Universe

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



CE007E



FF009C



CEB600



665C62



A60065



260017

Previews

White Background



This preview shows how the Hex color 007ECE looks on a white background.

Color Contrast Check

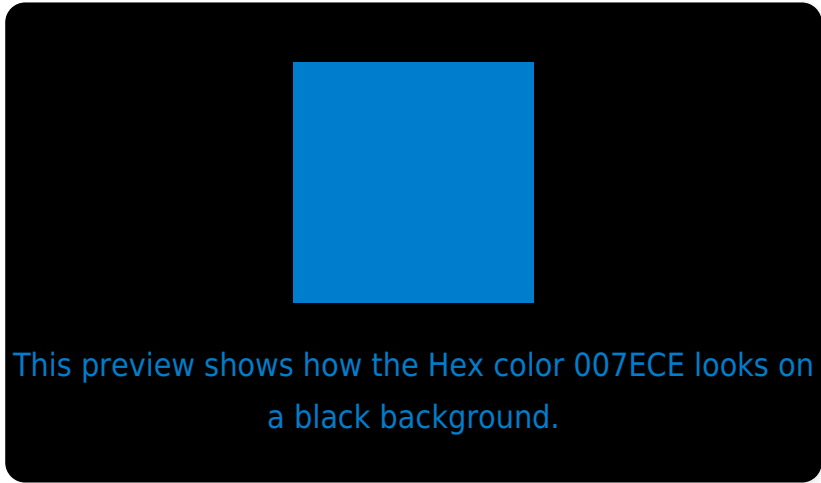
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

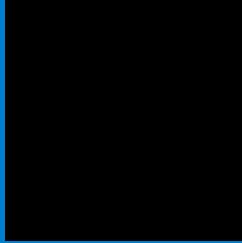
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 007ECE Background



This preview shows how black text looks on a background with the Hex color 007ECE.



This preview shows how white text looks on a background with the Hex color 007ECE.

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](#).

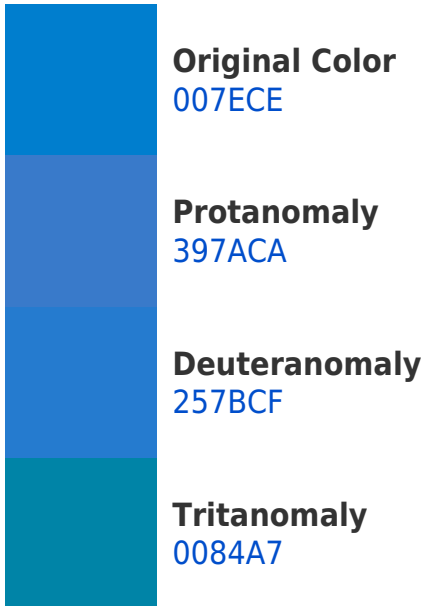
Dichromacy



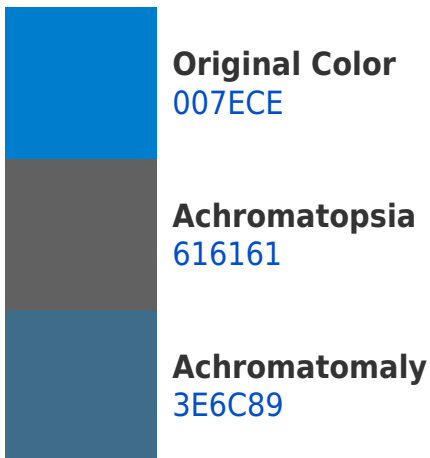


Tritanopia
008790

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007ECE 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 #007ECE looks like.

```
.text, #text, p{  
    color:#007ECE  
}
```

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 #007ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007ECE
}
```

Border

The CSS property to change the border of an element to Hex 007ECE is called "border". The border property can be set on classes, ids or directly on the HTML element.

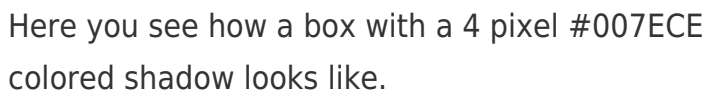
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007ECE }
```

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

```
.border{ border-color:#007ECE }
```

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



Here you see how a box with a 4 pixel #007ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007ECE; -webkit-box-shadow:4px 4px  
4px 4px #007ECE; box-shadow:4px 4px 4px  
4px #007ECE }
```

Background

The CSS property to change the background color of an element to Hex 007ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007ECE }
```

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

```
.background{ background-color:#007ECE }
```

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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