

Converting Colors

Hex(007AEC)

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

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Color

Hex(007AEC)

Conversions

Conversions Part 1

Format	Color
Hex	007AEC
RGB	0, 122, 236
RGB Percent	0%, 48%, 93%
CMY	1.0000, 0.5216, 0.0745
CMYK	1.00, 0.48, 0.00, 0.07
HSL	209°, 100%, 46%
HSV	209°, 100%, 93%
XYZ	22.0999, 19.9752, 82.0477
YIQ	98.5180, -109.3060, 9.5900

Conversions

Conversions Part 2

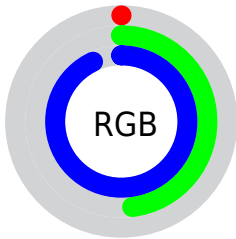
Format	Color
RYB	0, 80, 236
Decimal	31468
CIELab	51.81, 15.18, -65.09
CIELCh	52, 66.832, 283.127
Yxy	19.9752, 0.1780, 0.1609
Android (android.graphics.Color)	4278221548 (0xFF007AEC)
YUV	98.5180, 67.7786, -86.4003
Hunter-Lab	44.6936, 10.0499, -77.5579

Details

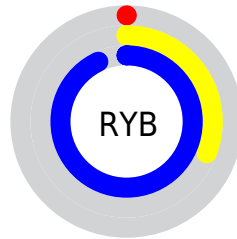
The Hex color **007AEC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **EC7200**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6BAEFF**, and **004BB3** is the 20% darker color. If you saturate the color by 10%, you get **007AEC**, and if you desaturate by 10%, it is **1885EC**.

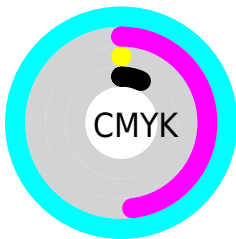
Distribution



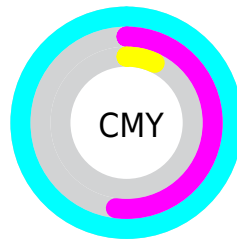
- Red (0%)
- Green (48%)
- Blue (93%)



- Red (0%)
- Yellow (31%)
- Blue (93%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (52%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 007AEC

 007AEC

FFFFFF

 0062CF

 6BAEFF

 004BB3

 8DC9FF

 003598

 ADE5FF


 00227D

 CCFFFF

 000B64

 ECFFFF

 00094B

 000433

 00021D

 000000

 007AEC

 1885EC

 2F91EC

 479CEC

 5EA8EC

 76B3EC

 8EBEEC

 A5CAEC

 BDD5EC

 D4E1EC

Harmonies

Analogous

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



008BEA



007AEC



9D60D0

Triad

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



007AEC



D2522F



009358

Complementary

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



007AEC



EC7200

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.



398D1B



007AEC



AF6D00

Square

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



007AEC



E03B65



7E8100



009594

Rectangle

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



007AEC



C44CB0



7E8100



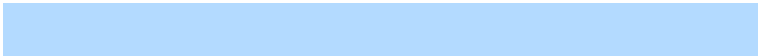
009244

Sweetspot

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



007AEC



B3DAFF



00EC6E



526980



000000



808080

Same Dimension

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



007AEC



0084FF



0008EC



6A7075



005EB5



001C36

Inverse Universe

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



EC007A



FF0084



ECE400



756A70



B5005E



36001C

Previews

White Background



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

Color Contrast Check

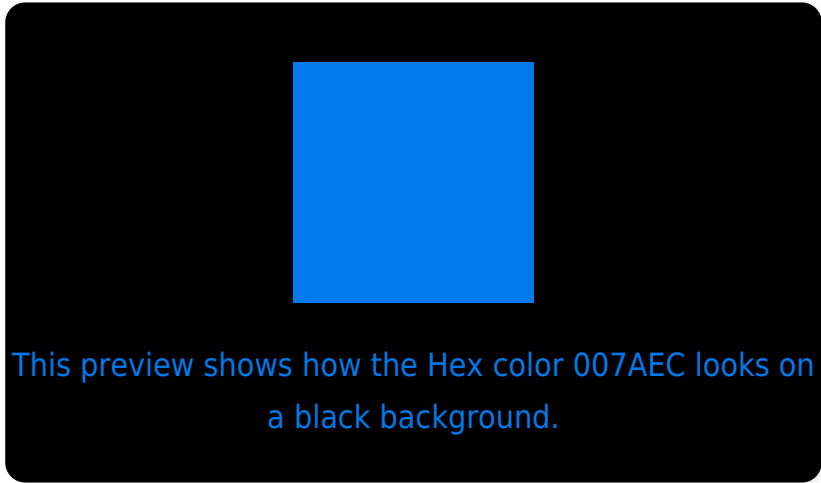
Large Text (above 18pt) WCAG AA ✓ Pass

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

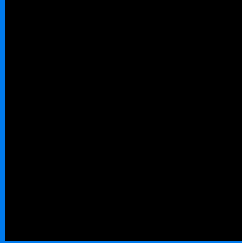
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

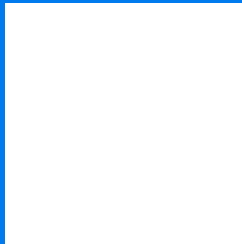
Any Text WCAG AAA × Fail

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

Hex 007AEC Background



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



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

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
008991

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #007AEC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 007AEC 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
#007AEC }
```

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

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

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

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

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

Background

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

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

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

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

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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