

Converting Colors

Hex(007AED)

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

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Color

Hex(007AED)

Conversions

Conversions Part 1

Format	Color
Hex	007AED
RGB	0, 122, 237
RGB Percent	0%, 48%, 93%
CMY	1.0000, 0.5216, 0.0706
CMYK	1.00, 0.49, 0.00, 0.07
HSL	209°, 100%, 46%
HSV	209°, 100%, 93%
XYZ	22.2456, 20.0335, 82.8151
YIQ	98.6320, -109.6270, 9.9010

Conversions

Conversions Part 2

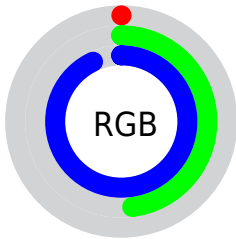
Format	Color
RYB	0, 81, 237
Decimal	31469
CIELab	51.88, 15.57, -65.54
CIELCh	52, 67.361, 283.363
Yxy	20.0335, 0.1778, 0.1601
Android (android.graphics.Color)	4278221549 (0xFF007AED)
YUV	98.6320, 68.2154, -86.5003
Hunter-Lab	44.7588, 10.3885, -78.3704

Details

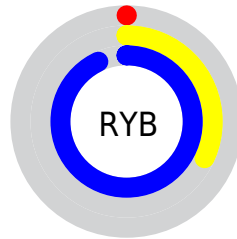
The Hex color **007AED** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **ED7300**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6CAEFF**, and **004BB4** is the 20% darker color. If you saturate the color by 10%, you get **007AED**, and if you desaturate by 10%, it is **1886ED**.

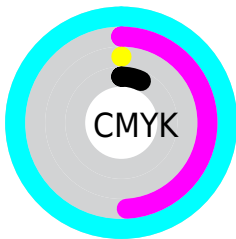
Distribution



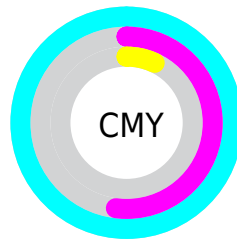
- Red (0%)
- Green (48%)
- Blue (93%)



- Red (0%)
- Yellow (32%)
- Blue (93%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

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

 007AED

 007AED

FFFFFF

 0062D0

 6CAEFF

 004BB4

 8DC9FF

 003599

 ADE5FF

 00227E

 CDFFFF

 000B64

 ECFFFF

 00094B

 000434

 00021E

 000000

 007AED

 1886ED

 2F91ED

 479DED

 5FA8ED

 76B4ED

 8EBFED

 A6CBED

 BED6ED

 D5E2ED

Harmonies

Analogous

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



008BEB



007AED



9E5FD0

Triad

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



007AED



D3522E



009358

Complementary

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



007AED



ED7300

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.



388D1B



007AED



AF6D00

Square

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



007AED



E13B65



7D8100



009595

Rectangle

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



007AED



C54BB0



7D8100



009244

Sweetspot

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



007AED



B3DAFF



00ED73



526980



000000



808080

Same Dimension

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



007AED



0083FF



0004ED



6A7075



005DB5



001C36

Inverse Universe

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



ED007A



FF0083



EDE900



756A70



B5005D



36001C

Previews

White Background



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

Color Contrast Check

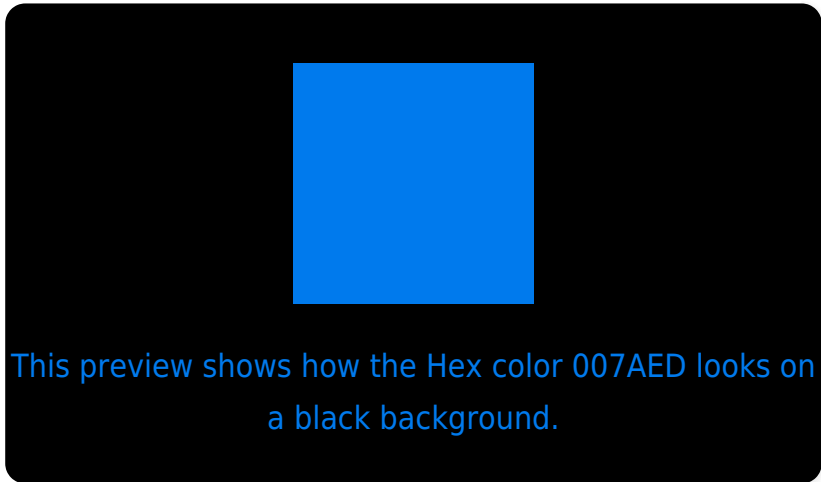
Large Text (above 18pt) WCAG AA ✓ Pass

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

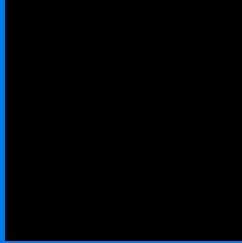
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

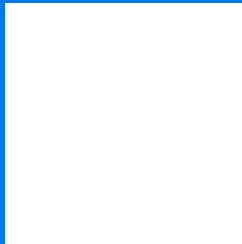
Any Text WCAG AAA × Fail

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

Hex 007AED Background



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



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

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
008992

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #007AED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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