

Converting Colors

Hex(006CAE)

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

Hex(006CAE)	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>	29

Color

Hex(006CAE)

Conversions

Conversions Part 1

Format	Color
Hex	006CAE
RGB	0, 108, 174
RGB Percent	0%, 42%, 68%
CMY	1.0000, 0.5765, 0.3176
CMYK	1.00, 0.38, 0.00, 0.32
HSL	203°, 100%, 34%
HSV	203°, 100%, 68%
XYZ	13.0025, 13.7811, 42.0191
YIQ	83.2320, -85.5540, -2.3700

Conversions

Conversions Part 2

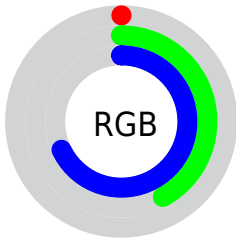
Format	Color
RYB	0, 67, 174
Decimal	27822
CIELab	43.92, -0.63, -42.30
CIELCh	44, 42.309, 269.143
Yxy	13.7811, 0.1890, 0.2003
Android (android.graphics.Color)	4278217902 (0xFF006CAE)
YUV	83.2320, 44.7486, -72.9945
Hunter-Lab	37.1229, -2.4443, -41.1238

Details

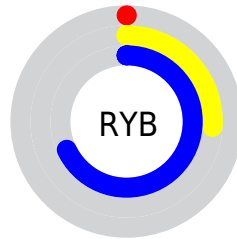
The Hex color **006CAE** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AE4200**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5A9FE6**, and **003D79** is the 20% darker color. If you saturate the color by 10%, you get **006CAE**, and if you desaturate by 10%, it is **1173AE**.

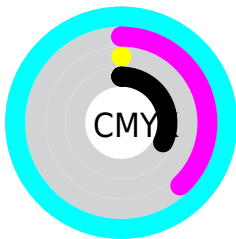
Distribution



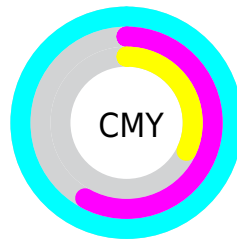
- Red (0%)
- Green (42%)
- Blue (68%)



- Red (0%)
- Yellow (26%)
- Blue (68%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (58%)
- Yellow (32%)

Brightness & Saturation Gradients

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

■ 006CAE

■ 006CAE

FFFFFF

■ 005493

■ 5A9FE6

■ 003D79

■ 79BAFF

■ 002860

■ 96D5FF

■ 001448

■ B4F2FF

■ 000431

■ D2FFFF

■ 00011B

■ F0FFFF

■ 000000

■ 006CAE

■ 1173AE

■ 2379AE

■ 3480AE

■ 4686AE

■ 578DAE

■ 6894AE

■ 7A9AAE

■ 8BA1AE

■ 9DA7AE

Harmonies

Analogous

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



0075A4



006CAE



675FA5

Triad

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



006CAE



A64C48



277642

Complementary

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



006CAE



AE4200

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.



597026



006CAE



97582B

Square

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



006CAE



A6486A



7C661C



007966

Rectangle

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



006CAE



865596



7C661C



3B7438

Sweetspot

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



006CAE



9FC9E3



00AE40



496373



F2F2F2



737373

Same Dimension

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



006CAE



008DE3



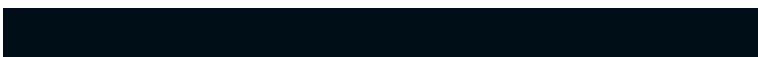
0017AE



4E5357



005D96



000E17

Inverse Universe

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



AE006C



E3008D



AE9700



574E53



96005D



17000E

Previews

White Background



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

Color Contrast Check

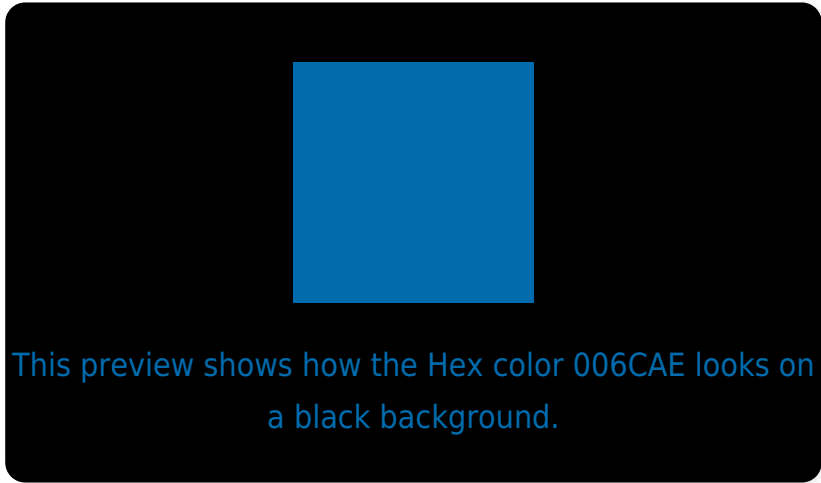
Large Text (above 18pt) WCAG AA ✓ Pass

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

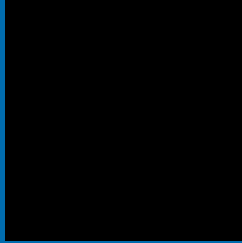
Any Text WCAG AA × Fail

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 006CAE Background



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

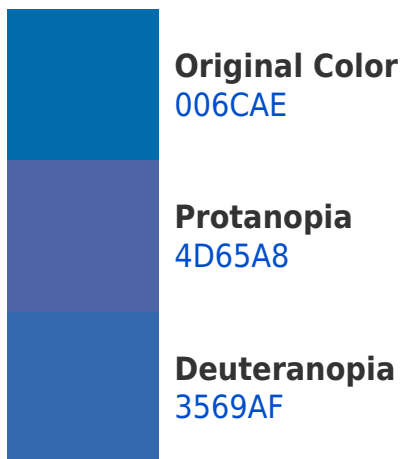


This preview shows how white text looks on a background with the Hex color 006CAE.

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](#).

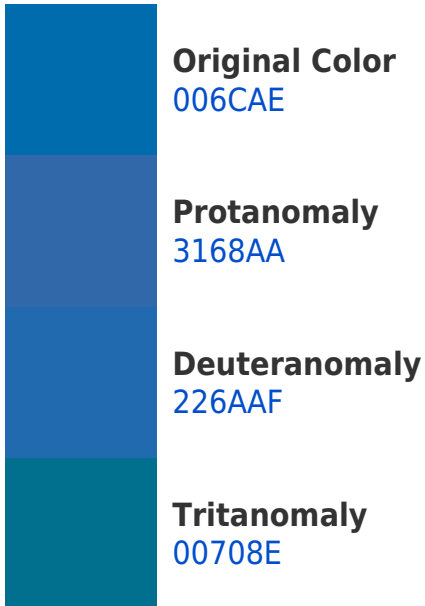
Dichromacy



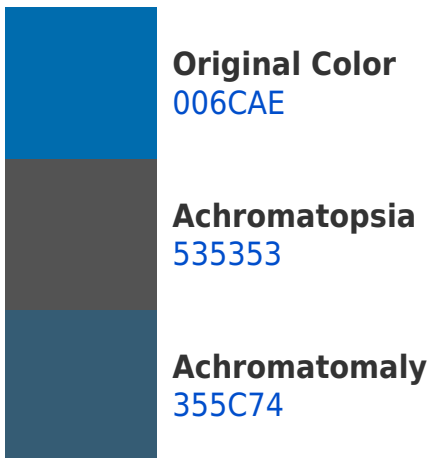


Tritanopia
00737B

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #006CAE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor