

Converting Colors

Hex(007AC2)

Have a look what the booklet for
Hex(007AC2) contains.

Hex(007AC2)	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(007AC2)

Conversions

Conversions Part 1

Format	Color
Hex	007AC2
RGB	0, 122, 194
RGB Percent	0%, 48%, 76%
CMY	1.0000, 0.5216, 0.2392
CMYK	1.00, 0.37, 0.00, 0.24
HSL	202°, 100%, 38%
HSV	202°, 100%, 76%
XYZ	16.6971, 17.8141, 53.5974
YIQ	93.7300, -95.8240, -3.4720

Conversions

Conversions Part 2

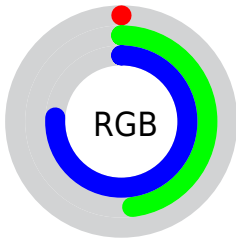
Format	Color
RYB	0, 75, 194
Decimal	31426
CIELab	49.27, -1.31, -45.38
CIElCh	49, 45.400, 268.352
Yxy	17.8141, 0.1895, 0.2022
Android (android.graphics.Color)	4278221506 (0xFF007AC2)
YUV	93.7300, 49.4331, -82.2012
Hunter-Lab	42.2068, -3.2466, -45.7462

Details

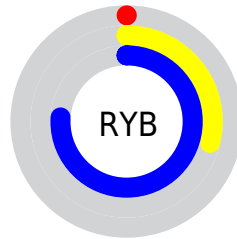
The Hex color **007AC2** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **C24800**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **60AEFB**, and **004A8C** is the 20% darker color. If you saturate the color by 10%, you get **007AC2**, and if you desaturate by 10%, it is **1381C2**.

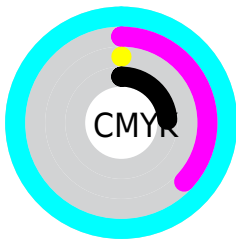
Distribution



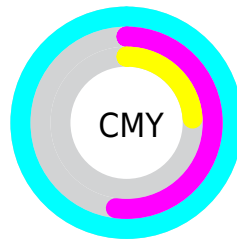
- Red (0%)
- Green (48%)
- Blue (76%)



- Red (0%)
- Yellow (29%)
- Blue (76%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007AC2 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 007AC2 by changing the saturation by 10% instead.

 007AC2

 007AC2

FFFFFF

 0061A7

 60AEFB

 004A8C

 7FC9FF

 003472

 9EE5FF

 002059

 BCFFFF

 000741

 DAFFFF

 00032A

 F9FFFF

 000114

 000000

 007AC2

■ 1381C2

■ 2788C2

■ 3A90C2

■ 4E97C2

■ 619EC2

■ 74A5C2

■ 88ACC2

■ 9BB4C2

■ AFBBC2

Harmonies

Analogous

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



0083B6



007AC2



736CB9

Triad

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



007AC2



BA5653



31854B

Complementary

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



007AC2



C24800

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.



667E2D



007AC2



A96434

Square

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



007AC2



B95379



8C7223



008872

Rectangle

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



007AC2



9561A9



8C7223



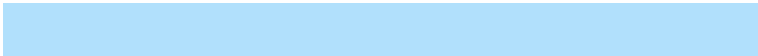
46833F

Sweetspot

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



007AC2



B1E0FC



00C247



526E80



000000



808080

Same Dimension

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



007AC2



009FFC



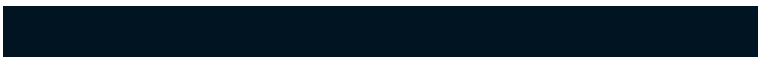
001AC2



575D61



0065A1



001521

Inverse Universe

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



C2007A



FC009F



C2A800



61575D



A10065



210015

Previews

White Background



This preview shows how the Hex color 007AC2 looks on a white background.

Color Contrast Check

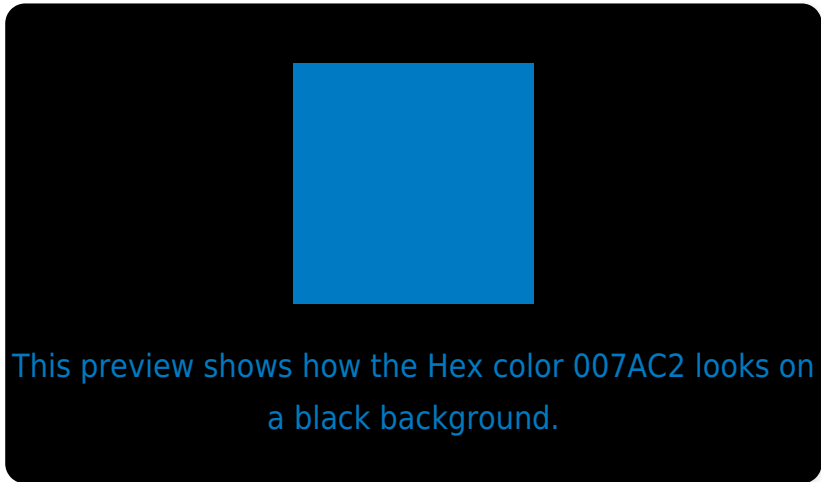
Large Text (above 18pt) WCAG AA ✓ Pass

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

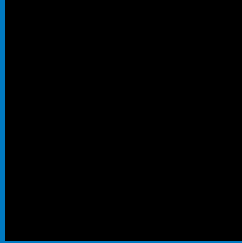
Any Text WCAG AA ✓ Pass

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 007AC2 Background



This preview shows how black text looks on a background with the Hex color 007AC2.

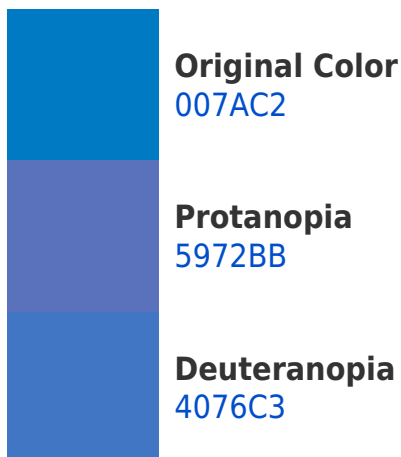


This preview shows how white text looks on a background with the Hex color 007AC2.

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
00828B

Trichromacy



Original Color
007AC2

Protanomaly
3975BE

Deuteranomaly
2977C3

Tritanomaly
007F9F

Monochromacy



Original Color
007AC2

Achromatopsia
5E5E5E

Achromatomaly
3C6882

CSS Examples

Text

The CSS property to change the color of the text to Hex 007AC2 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 #007AC2 looks like.

```
.text, #text, p{  
    color:#007AC2  
}
```

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 #007AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007AC2
}
```

Border

The CSS property to change the border of an element to Hex 007AC2 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
#007AC2 }
```

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

```
.border{ border-color:#007AC2 }
```

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

Here you see how a box with a 4 pixel #007AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007AC2; -webkit-box-shadow:4px 4px  
4px 4px #007AC2; box-shadow:4px 4px 4px  
4px #007AC2 }
```

Background

The CSS property to change the background color of an element to Hex 007AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007AC2 }
```

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

```
.background{ background-color:#007AC2 }
```

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