

Converting Colors

Hex(007BC7)

Have a look what the booklet for
Hex(007BC7) contains.

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Color

Hex(007BC7)

Conversions

Conversions Part 1

Format	Color
Hex	007BC7
RGB	0, 123, 199
RGB Percent	0%, 48%, 78%
CMY	1.0000, 0.5176, 0.2196
CMYK	1.00, 0.38, 0.00, 0.22
HSL	203°, 100%, 39%
HSV	203°, 100%, 78%
XYZ	17.3918, 18.2894, 56.6464
YIQ	94.8870, -97.7040, -2.4400

Conversions

Conversions Part 2

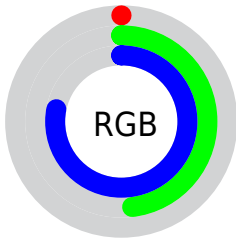
Format	Color
RYB	0, 76, 199
Decimal	31687
CIELab	49.85, 0.04, -47.33
CIElCh	50, 47.328, 270.054
Yxy	18.2894, 0.1884, 0.1981
Android (android.graphics.Color)	4278221767 (0xFF007BC7)
YUV	94.8870, 51.3277, -83.2159
Hunter-Lab	42.7662, -2.2500, -48.5969

Details

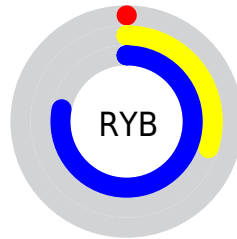
The Hex color **007BC7** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **C74C00**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **61AFFF**, and **004B90** is the 20% darker color. If you saturate the color by 10%, you get **007BC7**, and if you desaturate by 10%, it is **1483C7**.

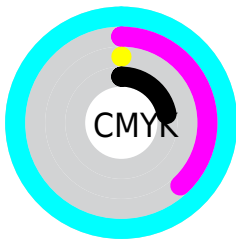
Distribution



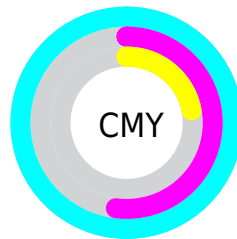
- Red (0%)
- Green (48%)
- Blue (78%)



- Red (0%)
- Yellow (30%)
- Blue (78%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007BC7 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 007BC7 by changing the saturation by 10% instead.

 007BC7

 007BC7

FFFFFF

 0062AB

 61AFF7

 004B90

 81CAFF

 003576

 9FE6FF

 00215D

 BEFFFF

 000845

 DCFFFF

 00042E

 FBFFFF

 000118

 000000

 007BC7

 1483C7

 288AC7

 3C92C7

 5099C7

 64A1C7

 77A9C7

 8BB0C7

 9FB8C7

 B3BFC7

Harmonies

Analogous

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



0085BC



007BC7



776CBC

Triad

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



007BC7



BE5751



29874D

Complementary

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



007BC7



C74C00

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.



64802C



007BC7



AB6530

Square

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



007BC7



BE5278



8C7520



008A75

Rectangle

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



007BC7



9A61AB



8C7520



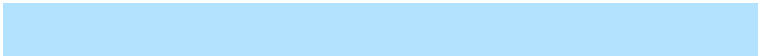
418540

Sweetspot

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



007BC7



B3E2FF



00C749



526E80



000000



808080

Same Dimension

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



007BC7



009EFF



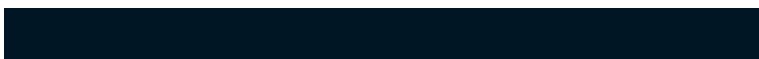
001BC7



5A6063



0065A3



001624

Inverse Universe

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



C7007B



FF009E



C7AC00



635A60



A30065



240016

Previews

White Background



This preview shows how the Hex color 007BC7 looks on a white background.

Color Contrast Check

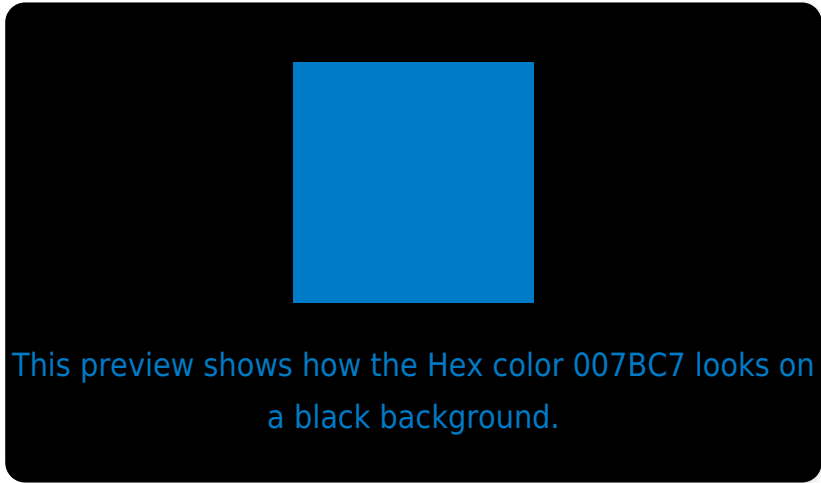
Large Text (above 18pt) WCAG AA ✓ Pass

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

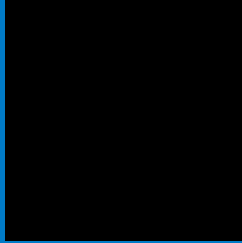
Any Text WCAG AA ✓ Pass

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 007BC7 Background



This preview shows how black text looks on a background with the Hex color 007BC7.



This preview shows how white text looks on a background with the Hex color 007BC7.

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
00838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007BC7 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 #007BC7 looks like.

```
.text, #text, p{  
    color:#007BC7  
}
```

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 #007BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007BC7
}
```

Border

The CSS property to change the border of an element to Hex 007BC7 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
#007BC7 }
```

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

```
.border{ border-color:#007BC7 }
```

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

Here you see how a box with a 4 pixel #007BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007BC7; -webkit-box-shadow:4px 4px  
4px 4px #007BC7; box-shadow:4px 4px 4px  
4px #007BC7 }
```

Background

The CSS property to change the background color of an element to Hex 007BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007BC7 }
```

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

```
.background{ background-color:#007BC7 }
```

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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