

# Converting Colors

Hex(007BC3)

Have a look what the booklet for  
Hex(007BC3) contains.

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# Color

Hex(007BC3)

# Conversions

## Conversions Part 1

Format	Color
Hex	007BC3
RGB	0, 123, 195
RGB Percent	0%, 48%, 76%
CMY	1.0000, 0.5176, 0.2353
CMYK	1.00, 0.37, 0.00, 0.24
HSL	202°, 100%, 38%
HSV	202°, 100%, 76%
XYZ	16.9333, 18.1060, 54.2321
YIQ	94.4310, -96.4200, -3.6840

# Conversions

## Conversions Part 2

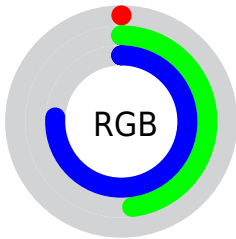
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 195
Decimal	31683
CIELab	49.62, -1.52, -45.39
CIELCh	50, 45.416, 268.082
Yxy	18.1060, 0.1897, 0.2028
Android (android.graphics.Color)	4278221763 (0xFF007BC3)
YUV	94.4310, 49.5805, -82.8160
Hunter-Lab	42.5512, -3.4304, -45.7801

# Details

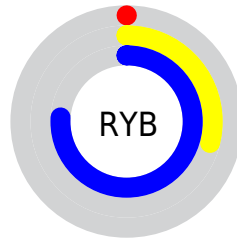
The Hex color **007BC3** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **C34800**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **60AFFC**, and **004B8D** is the 20% darker color. If you saturate the color by 10%, you get **007BC3**, and if you desaturate by 10%, it is **1382C3**.

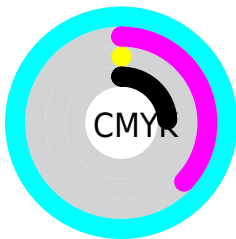
# Distribution



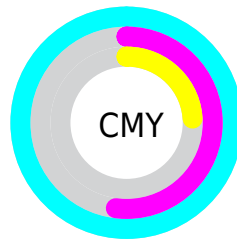
- Red (0%)
- Green (48%)
- Blue (76%)



- 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 007BC3 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 007BC3 by changing the saturation by 10% instead.



007BC3

007BC3

FFFFFF

0062A8

60AFFC

004B8D

80CAFF

003573

9EE6FF

00205A

BCFFFF

000742

DBFFFF

00032B

F9FFFF

000115

000000

007BC3

 1382C3

 2789C3

 3B91C3

 4E98C3

 629FC3

 75A6C3

 88ADC3

 9CB5C3

 B0BCC3

# Harmonies

## Analogous

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



0084B7



007BC3



736DBA

# Triad

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



007BC3



BB5754



33854B

# Complementary

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



007BC3



C34800

# 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.



677E2D



007BC3



AB6535

# Square

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



007BC3



BA537A



8D7324



008972

# Rectangle

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



007BC3



9662AA



8D7324



478440

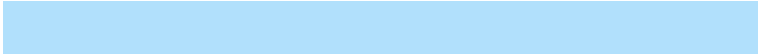


# Sweetspot

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



007BC3



B1E0FC



00C348



526F80



000000



808080

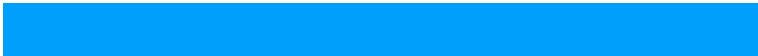


# Same Dimension

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



007BC3



009FFC



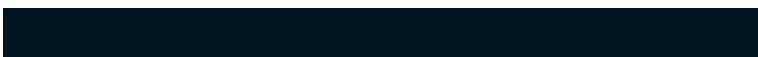
001AC3



575D61



0065A1



001521



# Inverse Universe

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



C3007B



FC009F



C3A900



61575D



A10065



210015



# Previews

## White Background



This preview shows how the Hex color 007BC3 looks on a white background.

## Color Contrast Check

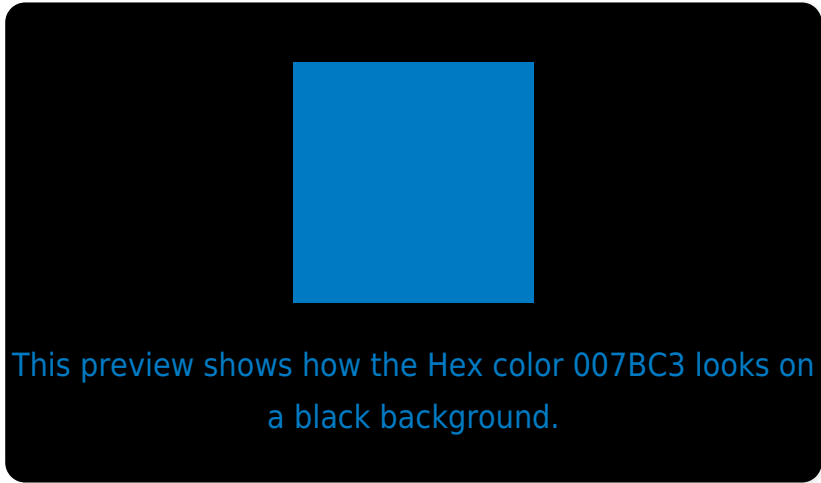
Large Text (above 18pt) WCAG AA ✓ Pass

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

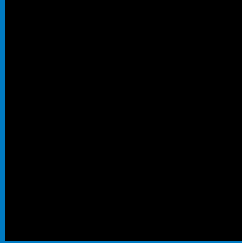
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 007BC3 Background



This preview shows how black text looks on a background with the Hex color 007BC3.



This preview shows how white text looks on a background with the Hex color 007BC3.

# 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**  
00838C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007BC3 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 #007BC3 looks like.

```
.text, #text, p{  
    color:#007BC3  
}
```

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 #007BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007BC3
}
```

## Border

The CSS property to change the border of an element to Hex 007BC3 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
#007BC3 }
```

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

```
.border{ border-color:#007BC3 }
```

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

Here you see how a box with a 4 pixel #007BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007BC3; -webkit-box-shadow:4px 4px  
4px 4px #007BC3; box-shadow:4px 4px 4px  
4px #007BC3 }
```

# Background

The CSS property to change the background color of an element to Hex 007BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007BC3 }
```

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

```
.background{ background-color:#007BC3 }
```

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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