

Converting Colors

Hex(007CBC)

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

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Color

Hex(007CBC)

Conversions

Conversions Part 1

Format	Color
Hex	007CBC
RGB	0, 124, 188
RGB Percent	0%, 49%, 74%
CMY	1.0000, 0.5137, 0.2627
CMYK	1.00, 0.34, 0.00, 0.26
HSL	200°, 100%, 37%
HSV	200°, 100%, 74%
XYZ	16.2848, 18.0461, 50.2019
YIQ	94.2200, -94.4480, -6.3840

Conversions

Conversions Part 2

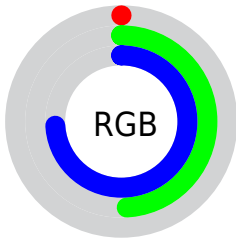
Format	Color
RYB	0, 75, 188
Decimal	31932
CIELab	49.55, -4.85, -41.49
CIELCh	50, 41.769, 263.337
Yxy	18.0461, 0.1926, 0.2135
Android (android.graphics.Color)	4278222012 (0xFF007CBC)
YUV	94.2200, 46.2335, -82.6309
Hunter-Lab	42.4808, -5.9144, -40.3298

Details

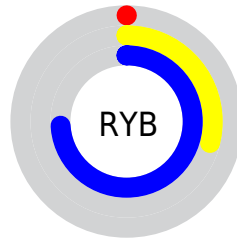
The Hex color **007CBC** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **BC4000**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5EB0F5**, and **004C86** is the 20% darker color. If you saturate the color by 10%, you get **007CBC**, and if you desaturate by 10%, it is **1382BC**.

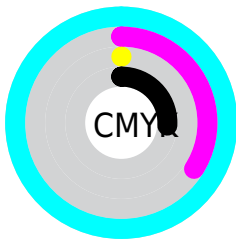
Distribution



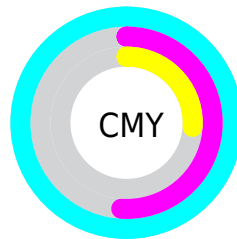
- Red (0%)
- Green (49%)
- Blue (74%)



- Red (0%)
- Yellow (29%)
- Blue (74%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (51%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 007CBC

 007CBC

FFFFFF

 0063A1

 5EB0F5

 004C86

 7ECCFF

 00356D

 9CE8FF

 002154

 BAF0FF

 00063C

 D8F0FF

 000226

 F7F0FF

 00010F

 000000

 007CBC

■ 1382BC

■ 2689BC

■ 388FBC

■ 4B96BC

■ 5E9CBC

■ 71A2BC

■ 84A9BC

■ 96AFBC

■ A9B6BC

Harmonies

Analogous

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



0084AE



007CBC



6B70B7

Triad

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



007CBC



B7595C



43834A

Complementary

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



007CBC



BC4000

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.



6F7C31



007CBC



AB643E

Square

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



007CBC



B3587F



91712D



00876C

Rectangle

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



007CBC



8D66AA



91712D



538140

Sweetspot

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



007CBC



ABDCF5



00BC3F



4E6B7A



FAFAFA



7A7A7A

Same Dimension

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



007CBC



00A1F5



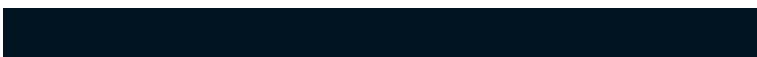
001FBC



555B5E



00689E



00141F

Inverse Universe

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



BC007C



F500A1



BC9D00



5E555B



9E0068



1F0014

Previews

White Background



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

Color Contrast Check

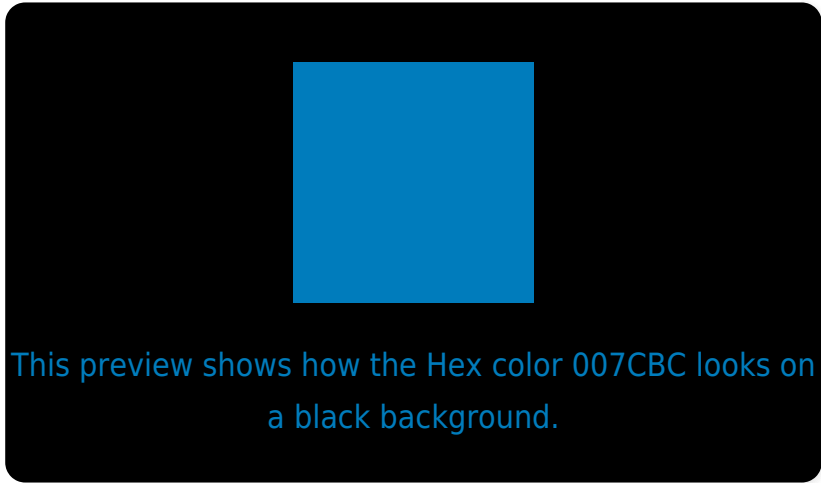
Large Text (above 18pt) WCAG AA ✓ Pass

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

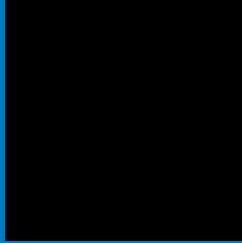
Any Text WCAG AA ✓ Pass

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 007CBC Background



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



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

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



Original Color
007CBC

Protanomaly
3C76B7

Deuteranomaly
3078BD

Tritanomaly
00809D

Monochromacy



Original Color
007CBC

Achromatopsia
5E5E5E

Achromatomaly
3C6980

CSS Examples

Text

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

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

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 #007CBC colored shadow looks like.

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

Border

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

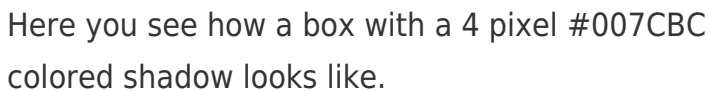
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007CBC }
```

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

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

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



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

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

Background

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

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

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

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

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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