

Converting Colors

Hex(007CB9)

Have a look what the booklet for
Hex(007CB9) contains.

Hex(007CB9)	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(007CB9)

Conversions

Conversions Part 1

Format	Color
Hex	007CB9
RGB	0, 124, 185
RGB Percent	0%, 49%, 73%
CMY	1.0000, 0.5137, 0.2745
CMYK	1.00, 0.33, 0.00, 0.27
HSL	200°, 100%, 36%
HSV	200°, 100%, 73%
XYZ	15.9646, 17.9181, 48.5161
YIQ	93.8780, -93.4850, -7.3170

Conversions

Conversions Part 2

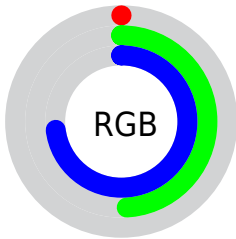
Format	Color
RYB	0, 74, 185
Decimal	31929
CIELab	49.40, -6.01, -40.01
CIELCh	49, 40.454, 261.459
Yxy	17.9181, 0.1937, 0.2175
Android (android.graphics.Color)	4278222009 (0xFF007CB9)
YUV	93.8780, 44.9231, -82.3310
Hunter-Lab	42.3298, -6.7561, -38.3241

Details

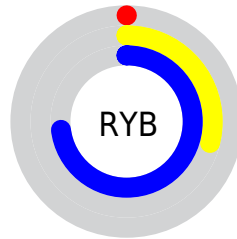
The Hex color **007CB9** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B93D00**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5EB0F1**, and **004C83** is the 20% darker color. If you saturate the color by 10%, you get **007CB9**, and if you desaturate by 10%, it is **1282B9**.

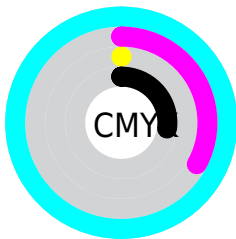
Distribution



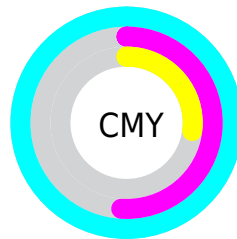
- Red (0%)
- Green (49%)
- Blue (73%)



- Red (0%)
- Yellow (29%)
- Blue (73%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007CB9 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 007CB9 by changing the saturation by 10% instead.

 007CB9

 007CB9

FFFFFF

 00639E

 5EB0F1

 004C83

 7DCCFF

 00356A

 9BE8FF

 002151

 B9FFFF

 00053A

 D7FFFF

 000224

 F5FFFF

 00000B

 000000

 007CB9

■ 1282B9

■ 2588B9

■ 388EB9

■ 4A94B9

■ 5D9BB9

■ 6FA1B9

■ 82A7B9

■ 94ADB9

■ A7B3B9

Harmonies

Analogous

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



0083AA



007CB9



6870B5

Triad

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



007CB9



B5595E



488249

Complementary

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



007CB9



B93D00

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.



717B32



007CB9



AA6341

Square

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



007CB9



B05981



92702F



00866A

Rectangle

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



007CB9



8967A9



92702F



578040

Sweetspot

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



007CB9



A8D8F0



00B93B



4D6A78



F7F7F7



787878

Same Dimension

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



007CB9



00A1F0



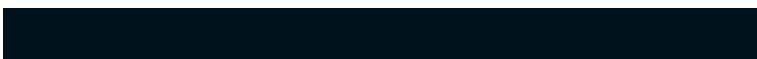
0022B9



53595C



00689C



00131C

Inverse Universe

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



B9007C



F000A1



B99700



5C5359



9C0068



1C0013

Previews

White Background



This preview shows how the Hex color 007CB9 looks on a white background.

Color Contrast Check

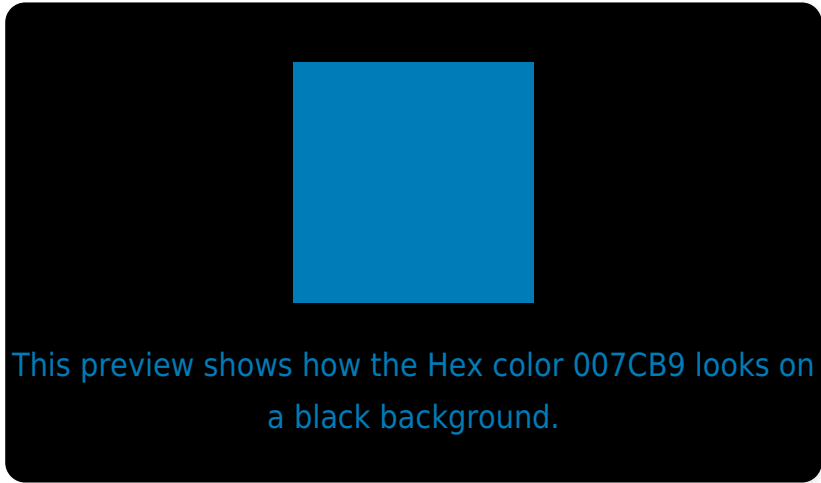
Large Text (above 18pt) WCAG AA ✓ Pass

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

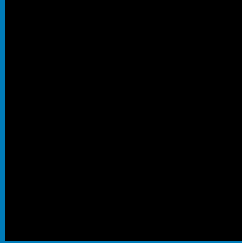
Any Text WCAG AA ✓ Pass

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 007CB9 Background



This preview shows how black text looks on a background with the Hex color 007CB9.



This preview shows how white text looks on a background with the Hex color 007CB9.

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
00828C

Trichromacy



Original Color
007CB9



Protanomaly
3C76B4



Deuteranomaly
3178BA



Tritanomaly
00809C

Monochromacy



Original Color
007CB9



Achromatopsia
5E5E5E



Achromatomaly
3C697F

CSS Examples

Text

The CSS property to change the color of the text to Hex 007CB9 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 #007CB9 looks like.

```
.text, #text, p{  
    color:#007CB9  
}
```

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 #007CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007CB9
}
```

Border

The CSS property to change the border of an element to Hex 007CB9 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
#007CB9 }
```

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

```
.border{ border-color:#007CB9 }
```

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

Here you see how a box with a 4 pixel #007CB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007CB9; -webkit-box-shadow:4px 4px  
4px 4px #007CB9; box-shadow:4px 4px 4px  
4px #007CB9 }
```

Background

The CSS property to change the background color of an element to Hex 007CB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007CB9 }
```

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

```
.background{ background-color:#007CB9 }
```

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