

Converting Colors

Hex(007BBB)

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

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Color

Hex(007BBB)

Conversions

Conversions Part 1

Format	Color
Hex	007BBB
RGB	0, 123, 187
RGB Percent	0%, 48%, 73%
CMY	1.0000, 0.5176, 0.2667
CMYK	1.00, 0.34, 0.00, 0.27
HSL	201°, 100%, 37%
HSV	201°, 100%, 73%
XYZ	16.0526, 17.7538, 49.5945
YIQ	93.5190, -93.8520, -6.1720

Conversions

Conversions Part 2

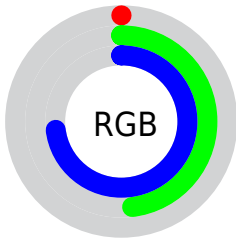
Format	Color
RYB	0, 74, 187
Decimal	31675
CIELab	49.20, -4.64, -41.47
CIELCh	49, 41.733, 263.619
Yxy	17.7538, 0.1925, 0.2129
Android (android.graphics.Color)	4278221755 (0xFF007BBB)
YUV	93.5190, 46.0861, -82.0162
Hunter-Lab	42.1352, -5.7321, -40.2915

Details

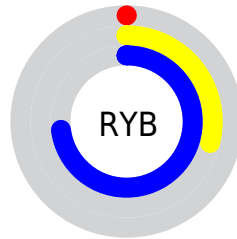
The Hex color **007BBB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **BB4000**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5EAF4**, and **004B85** is the 20% darker color. If you saturate the color by 10%, you get **007BBB**, and if you desaturate by 10%, it is **1381BB**.

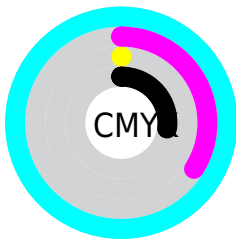
Distribution



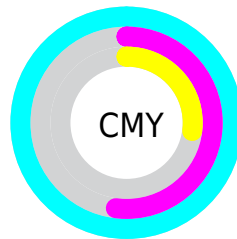
- Red (0%)
- Green (48%)
- Blue (73%)



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



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (52%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 007BBB

 007BBB

FFFFFF

 0062A0

 5EAFF4

 004B85

 7DCBFF

 00356C

 9BE7FF

 002053

 BAFFFF

 00063C

 D8FFFF

 000225

 F6FFFF

 00010D

 000000

 007BBB

 1381BB

 2588BB

 388EBB

 4B95BB

 5E9BBB

 70A1BB

 83A8BB

 96AEBB

 A8B5BB

Harmonies

Analogous

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



0083AD



007BBB



6A6FB6

Triad

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



007BBB



B6585B



428349

Complementary

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



007BBB



BB4000

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.



6D7B31



007BBB



A9633D

Square

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



007BBB



B2577E



90702C



00866C

Rectangle

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



007BBB



8C65A8



90702C



52813F

Sweetspot

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



007BBB



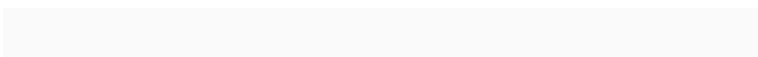
AAD9F2



00BB3E



4E6B7A



FAFAFA



7A7A7A

Same Dimension

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



007BBB



009FF2



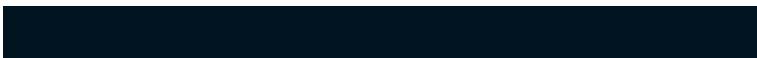
001FBB



555B5E



00689E



00141F

Inverse Universe

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



BB007B



F2009F



BB9C00



5E555B



9E0068



1F0014

Previews

White Background



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

Color Contrast Check

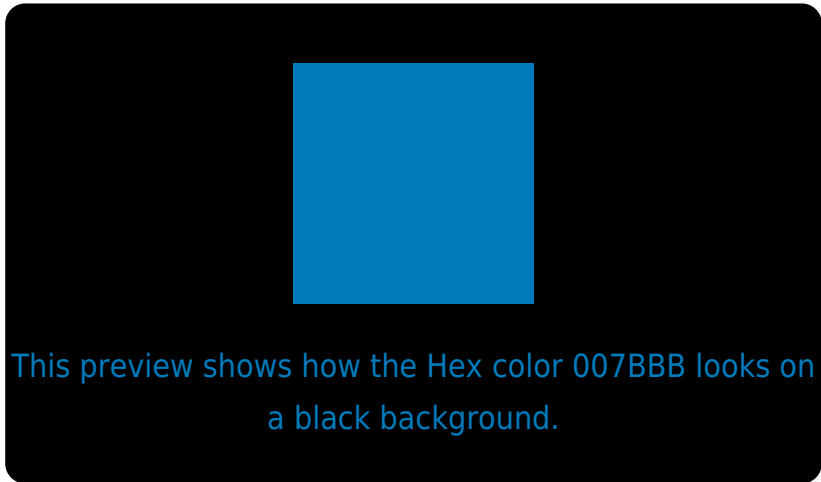
Large Text (above 18pt) WCAG AA ✓ Pass

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 007BBB Background



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

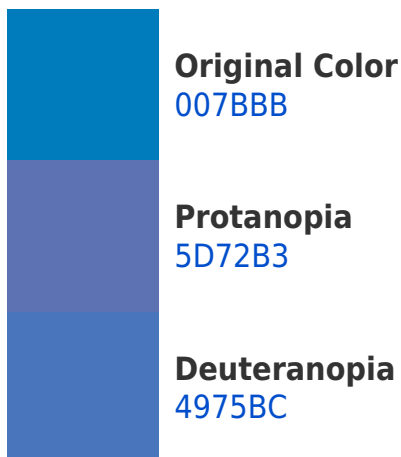


This preview shows how white text looks on a background with the Hex color 007BBB.

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
007BBB



Protanomaly
3B75B6



Deuteranomaly
2E77BC



Tritanomaly
007F9C

Monochromacy



Original Color
007BBB



Achromatopsia
5E5E5E



Achromatomaly
3C6980

CSS Examples

Text

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

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

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 #007BBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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