

Converting Colors

Hex(007BA4)

Have a look what the booklet for
Hex(007BA4) contains.

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Color

Hex(007BA4)

Conversions

Conversions Part 1

Format	Color
Hex	007BA4
RGB	0, 123, 164
RGB Percent	0%, 48%, 64%
CMY	1.0000, 0.5176, 0.3569
CMYK	1.00, 0.25, 0.00, 0.36
HSL	195°, 100%, 32%
HSV	195°, 100%, 64%
XYZ	13.7838, 16.8463, 37.6471
YIQ	90.8970, -86.4690, -13.3250

Conversions

Conversions Part 2

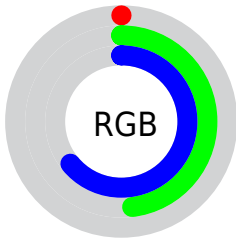
Format	Color
RYB	0, 70, 164
Decimal	31652
CIELab	48.07, -13.45, -29.92
CIElCh	48, 32.802, 245.786
Yxy	16.8463, 0.2019, 0.2467
Android (android.graphics.Color)	4278221732 (0xFF007BA4)
YUV	90.8970, 36.0398, -79.7167
Hunter-Lab	41.0442, -11.8820, -25.6519

Details

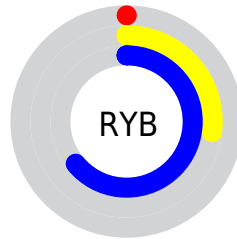
The Hex color **007BA4** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A42900**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **58AFDB**, and **004A70** is the 20% darker color. If you saturate the color by 10%, you get **007BA4**, and if you desaturate by 10%, it is **107FA4**.

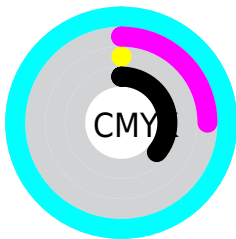
Distribution



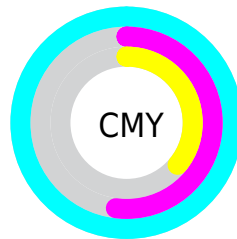
- Red (0%)
- Green (48%)
- Blue (64%)



- Red (0%)
- Yellow (27%)
- Blue (64%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007BA4 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 007BA4 by changing the saturation by 10% instead.

007BA4

007BA4

FFFFFF

00628A

58AFDB

004A70

77CBF8

003457

94E7FF

001F40

B2FFFF

00032A

CFFFFFF

000114

EDFFFF

000000

007BA4

107FA4

■ 2183A4

■ 3187A4

■ 428BA4

■ 5290A4

■ 6294A4

■ 7398A4

■ 839CA4

■ 94A0A4

Harmonies

Analogous

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



007F92



007BA4



5073A9

Triad

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



007BA4



A65C6E



617A44

Complementary

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



007BA4



A42900

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.



7E723A



007BA4



A46053

Square

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



007BA4



995F89



966940



3D7F5A

Rectangle

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



007BA4



6F6CA4



966940



6B783F

Sweetspot

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



007BA4



96C6D6



00A429



45616B



EBEBEB



6B6B6B

Same Dimension

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



007BA4



00A1D6



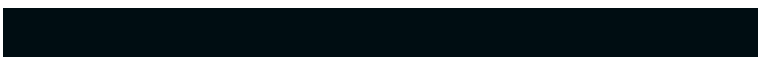
0029A4



495052



006D91



000D12

Inverse Universe

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



A4007B



D600A1



A47B00



524950



91006D



12000D

Previews

White Background



This preview shows how the Hex color 007BA4 looks on a white background.

Color Contrast Check

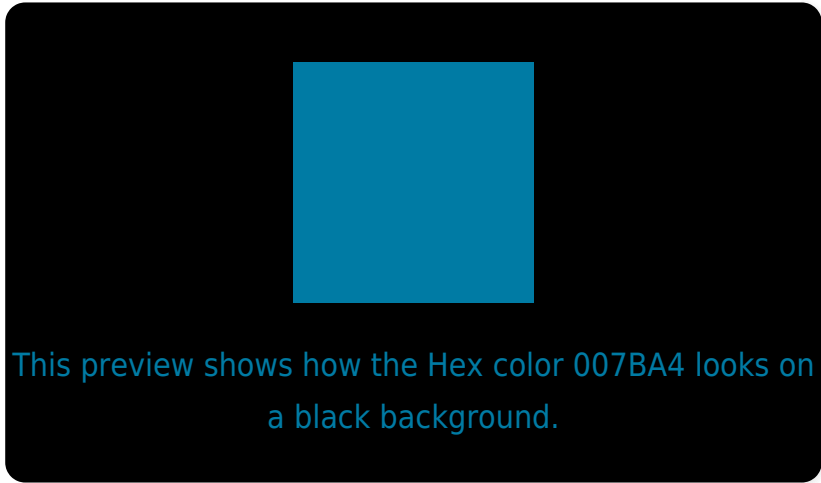
Large Text (above 18pt) WCAG AA ✓ Pass

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

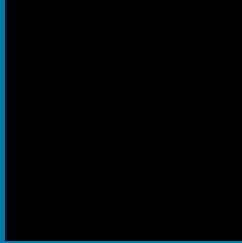
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 007BA4 Background



This preview shows how black text looks on a background with the Hex color 007BA4.

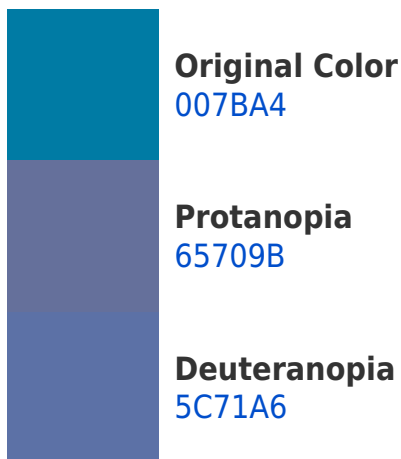


This preview shows how white text looks on a background with the Hex color 007BA4.

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
007F88

Trichromacy



Original Color
007BA4

Protanomaly
40749E

Deuteranomaly
3B75A5

Tritanomaly
007E92

Monochromacy



Original Color
007BA4

Achromatopsia
5B5B5B

Achromatomaly
3A6776

CSS Examples

Text

The CSS property to change the color of the text to Hex 007BA4 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 #007BA4 looks like.

```
.text, #text, p{  
    color:#007BA4  
}
```

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 #007BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007BA4
}
```

Border

The CSS property to change the border of an element to Hex 007BA4 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
#007BA4 }
```

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

```
.border{ border-color:#007BA4 }
```

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

Here you see how a box with a 4 pixel #007BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007BA4; -webkit-box-shadow:4px 4px  
4px 4px #007BA4; box-shadow:4px 4px 4px  
4px #007BA4 }
```

Background

The CSS property to change the background color of an element to Hex 007BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007BA4 }
```

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

```
.background{ background-color:#007BA4 }
```

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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