

Converting Colors

Hex(007FBB)

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

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Color

Hex(007FBB)

Conversions

Conversions Part 1

Format	Color
Hex	007FBB
RGB	0, 127, 187
RGB Percent	0%, 50%, 73%
CMY	1.0000, 0.5020, 0.2667
CMYK	1.00, 0.32, 0.00, 0.27
HSL	199°, 100%, 37%
HSV	199°, 100%, 73%
XYZ	16.5590, 18.7666, 49.7633
YIQ	95.8670, -94.9520, -8.2640

Conversions

Conversions Part 2

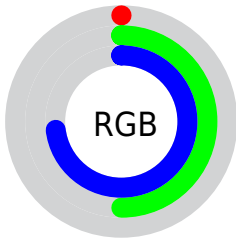
Format	Color
RYB	0, 76, 187
Decimal	32699
CIELab	50.41, -7.01, -39.55
CIELCh	50, 40.167, 259.953
Yxy	18.7666, 0.1946, 0.2206
Android (android.graphics.Color)	4278222779 (0xFF007FBB)
YUV	95.8670, 44.9286, -84.0754
Hunter-Lab	43.3204, -7.5801, -37.7836

Details

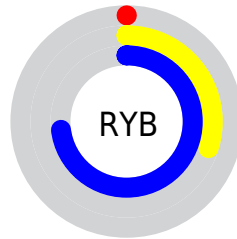
The Hex color **007FBB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **BB3C00**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5EB4F4**, and **004E85** is the 20% darker color. If you saturate the color by 10%, you get **007FBB**, and if you desaturate by 10%, it is **1385BB**.

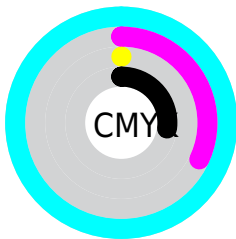
Distribution



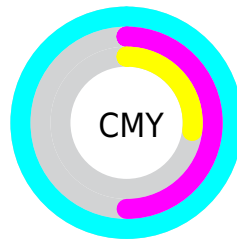
- Red (0%)
- Green (50%)
- Blue (73%)



- Red (0%)
- Yellow (30%)
- Blue (73%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 007FBB

 007FBB

FFFFFF

 0066A0


 5EB4F4

 004E85

 7DCFFF

 00386C

 9CEBFF

 002353

 BAFFFF

 00093C

 D8FFFF

 000225

 F6FFFF

 00010E

 000000

 007FBB

 1385BB

 258BBB

 3891BB

 4B97BB

 5E9DBB

 70A3BB

 83A9BB

 96AFBB

 A8B5BB

Harmonies

Analogous

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



0086AC



007FBB



6874B8

Triad

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



007FBB



B85C63



4E854A

Complementary

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



007FBB



BB3C00

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.



767D35



007FBB



AE6545

Square

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



007FBB



B15C85



967233



00896B

Rectangle

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



007FBB



896AAD



967233



5C8341

Sweetspot

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



007FBB



AADBFB



00BB3B



4E6C7A



FAFAFA



7A7A7A

Same Dimension

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



007FBB



00A5F2



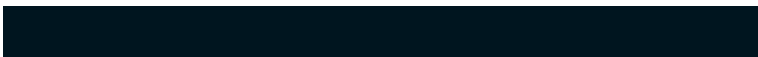
0022BB



555B5E



006B9E



00151F

Inverse Universe

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



BB007F



F200A5



BB9900



5E555B



9E006B



1F0015

Previews

White Background



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

Color Contrast Check

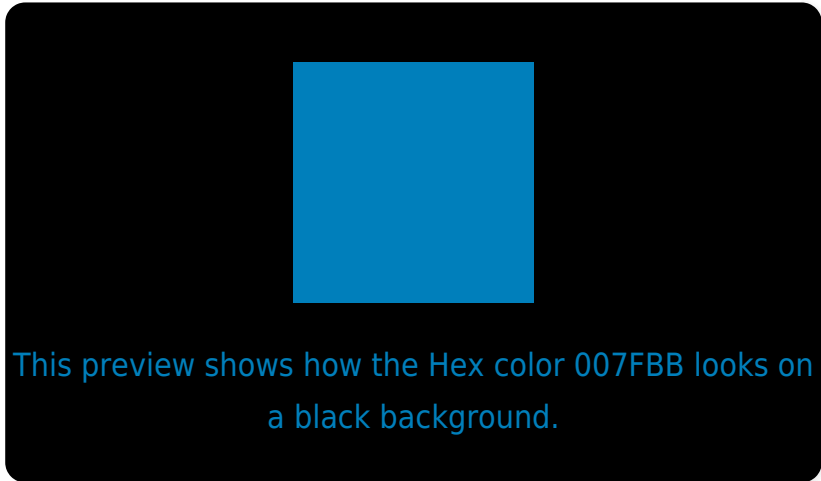
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 007FBB Background



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

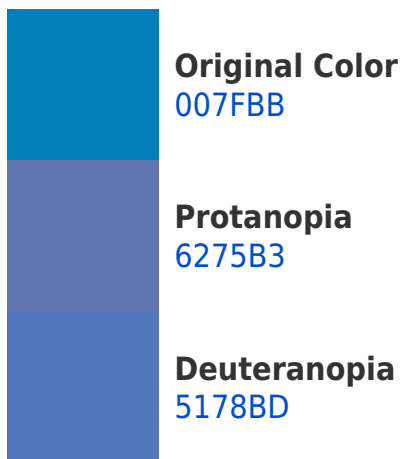


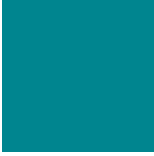
This preview shows how white text looks on a background with the Hex color 007FBB.

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
00858F

Trichromacy



Original Color
007FBB

Protanomaly
3E79B6

Deuteranomaly
347BBC

Tritanomaly
00839F

Monochromacy



Original Color
007FBB

Achromatopsia
606060

Achromatomaly
3D6B81

CSS Examples

Text

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

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

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 #007FBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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