

Converting Colors

Hex(007BE9)

Have a look what the booklet for
Hex(007BE9) contains.

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Color

Hex(007BE9)

Conversions

Conversions Part 1

Format	Color
Hex	007BE9
RGB	0, 123, 233
RGB Percent	0%, 48%, 91%
CMY	1.0000, 0.5176, 0.0863
CMYK	1.00, 0.47, 0.00, 0.09
HSL	208°, 100%, 46%
HSV	208°, 100%, 91%
XYZ	21.7909, 20.0491, 79.8122
YIQ	98.7630, -108.6180, 8.1340

Conversions

Conversions Part 2

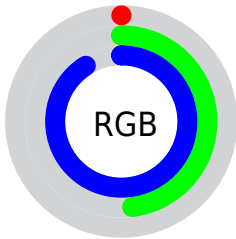
Format	Color
RYB	0, 81, 233
Decimal	31721
CIELab	51.89, 13.38, -63.27
CIELCh	52, 64.672, 281.939
Yxy	20.0491, 0.1791, 0.1648
Android (android.graphics.Color)	4278221801 (0xFF007BE9)
YUV	98.7630, 66.1788, -86.6152
Hunter-Lab	44.7762, 8.5110, -74.3391

Details

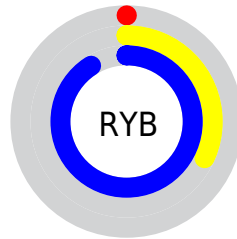
The Hex color **007BE9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E96E00**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6AFFFF**, and **004BB0** is the 20% darker color. If you saturate the color by 10%, you get **007BE9**, and if you desaturate by 10%, it is **1786E9**.

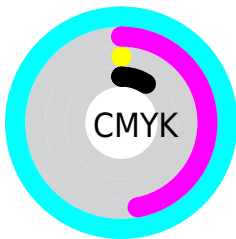
Distribution



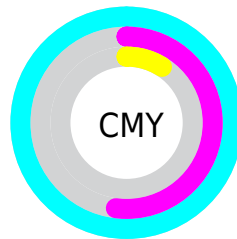
- Red (0%)
- Green (48%)
- Blue (91%)



- Red (0%)
- Yellow (32%)
- Blue (91%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (52%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007BE9 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 007BE9 by changing the saturation by 10% instead.

 007BE9

 007BE9

FFFFFF

 0063CC

 6AAFFB

 004BB0

 8CCAFF

 003695

 ACE6FF


 00227B

 CBFFFF

 000C61

 EAFFFF

 000848

 000431

 00011B

 000000

■ 007BE9

■ 1786E9

■ 2F91E9

■ 469CE9

■ 5DA7E9

■ 75B2E9

■ 8CBDE9

■ A3C8E9

■ BAD3E9

■ D2DEE9

Harmonies

Analogous

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



008BE5



007BE9



9962CF

Triad

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



007BE9



D15334



009357

Complementary

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



007BE9



E96E00

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.



408C1E



007BE9



B06D00

Square

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



007BE9



DE3F68



818000



009591

Rectangle

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



007BE9



C04FB1



818000



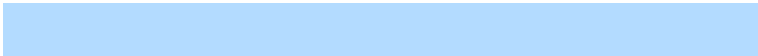
009144

Sweetspot

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



007BE9



B3DBFF



00E96D



526A80



000000



808080

Same Dimension

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



007BE9



0087FF



0008E9



6A7075



0060B5



001C36

Inverse Universe

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



E9007B



FF0087



E9E100



756A70



B50060



36001C

Previews

White Background



This preview shows how the Hex color 007BE9 looks on a white background.

Color Contrast Check

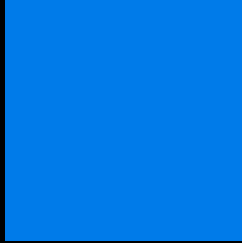
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 007BE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

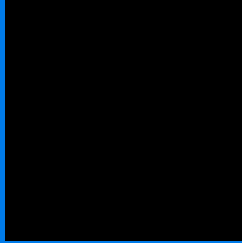
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

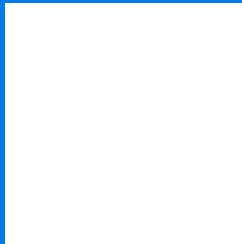
Any Text WCAG AAA × Fail

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

Hex 007BE9 Background



This preview shows how black text looks on a background with the Hex color 007BE9.



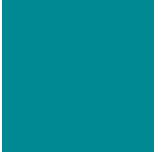
This preview shows how white text looks on a background with the Hex color 007BE9.

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
008992

Trichromacy



Original Color
007BE9

Protanomaly
2978E6

Deuteranomaly
007DE1

Tritanomaly
0084B2

Monochromacy



Original Color
007BE9

Achromatopsia
636363

Achromatomaly
3F6C94

CSS Examples

Text

The CSS property to change the color of the text to Hex 007BE9 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 #007BE9 looks like.

```
.text, #text, p{  
    color:#007BE9  
}
```

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 #007BE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007BE9
}
```

Border

The CSS property to change the border of an element to Hex 007BE9 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
#007BE9 }
```

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

```
.border{ border-color:#007BE9 }
```

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

Here you see how a box with a 4 pixel #007BE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007BE9; -webkit-box-shadow:4px 4px  
4px 4px #007BE9; box-shadow:4px 4px 4px  
4px #007BE9 }
```

Background

The CSS property to change the background color of an element to Hex 007BE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007BE9 }
```

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

```
.background{ background-color:#007BE9 }
```

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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