

Converting Colors

Hex(008BE7)

Have a look what the booklet for
Hex(008BE7) contains.

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Color

Hex(008BE7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 008BE7 |
| RGB | 0, 139, 231 |
| RGB Percent | 0%, 55%, 91% |
| CMY | 1.0000, 0.4549, 0.0941 |
| CMYK | 1.00, 0.40, 0.00, 0.09 |
| HSL | 204°, 100%, 45% |
| HSV | 204°, 100%, 91% |
| XYZ | 23.6564, 24.2348, 79.0323 |
| YIQ | 107.9270, -112.3760, -0.8560 |

Conversions

Conversions Part 2

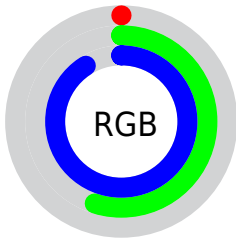
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 87, 231 |
| Decimal | 35815 |
| CIELab | 56.32, 2.78, -55.05 |
| CIElCh | 56, 55.117, 272.892 |
| Yxy | 24.2348, 0.1864, 0.1909 |
| Android (android.graphics.Color) | 4278225895 (0xFF008BE7) |
| YUV | 107.9270, 60.6750, -94.6520 |
| Hunter-Lab | 49.2288, -0.3740, -60.7244 |

Details

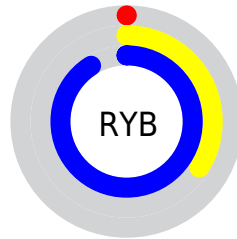
The Hex color **008BE7** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E75C00**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6AC0FF**, and **005AAF** is the 20% darker color. If you saturate the color by 10%, you get **008BE7**, and if you desaturate by 10%, it is **1794E7**.

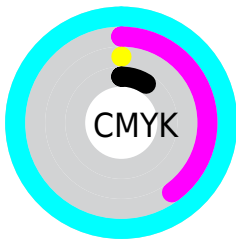
Distribution



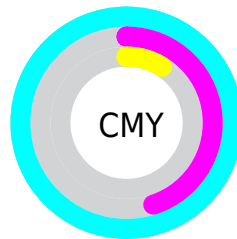
- Red (0%)
- Green (55%)
- Blue (91%)



- Red (0%)
- Yellow (34%)
- Blue (91%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008BE7 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 008BE7 by changing the saturation by 10% instead.

 008BE7

 008BE7

FFFFFF

 0072CB

 6AC0FF

 005AAF

 8BDCFF

 004394

 ABF8FF

 002E79

 CAFFFF

 001B60

 E9FFFF

 000847

 000430

 00011A

 000000

■ 008BE7

■ 1794E7

■ 2E9DE7

■ 45A7E7

■ 5CB0E7

■ 74B9E7

■ 8BC2E7

■ A2CBE7

■ B9D5E7

■ D0DEE7

Harmonies

Analogous

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



0097DC



008BE7



8E78D8

Triad

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



008BE7



DA6256



149B59

Complementary

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



008BE7



E75C00

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.



6B9330



008BE7



C2742F

Square

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



008BE7



DD5A84



9C861C



009E8A

Rectangle

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



008BE7



B66AC2



9C861C



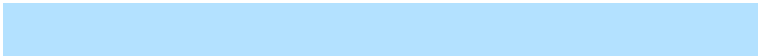
3E994A

Sweetspot

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



008BE7



B3E1FF



00E759



526D80



000000



808080

Same Dimension

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



008BE7



0099FF



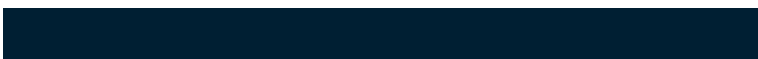
001BE7



676E73



006BB3



001F33

Inverse Universe

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



E7008B



FF0099



E7CC00



73676E



B3006B



33001F

Previews

White Background



This preview shows how the Hex color 008BE7 looks on a white background.

Color Contrast Check

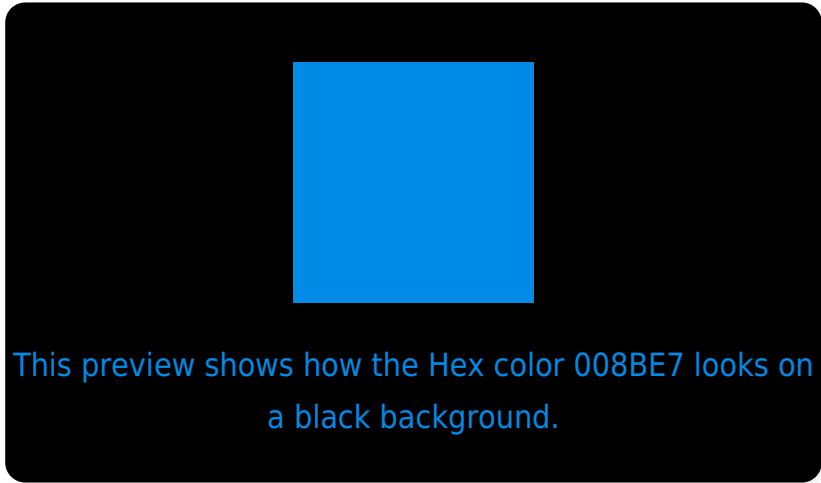
Large Text (above 18pt) WCAG AA ✓ Pass

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

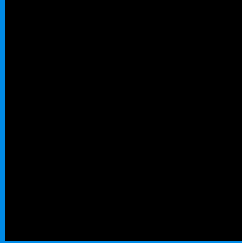
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

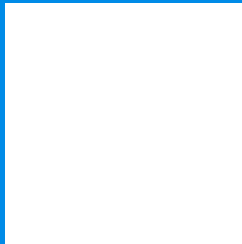
Any Text WCAG AAA × Fail

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

Hex 008BE7 Background



This preview shows how black text looks on a background with the Hex color 008BE7.



This preview shows how white text looks on a background with the Hex color 008BE7.

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](#).

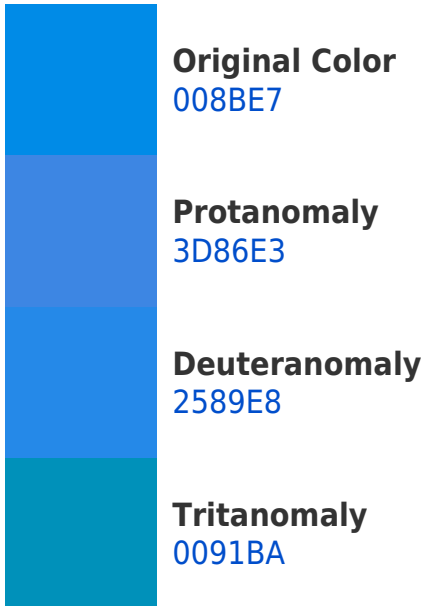
Dichromacy





Tritanopia
0095A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 008BE7 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 #008BE7 looks like.

```
.text, #text, p{  
    color:#008BE7  
}
```

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 #008BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008BE7
}
```

Border

The CSS property to change the border of an element to Hex 008BE7 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
#008BE7 }
```

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

```
.border{ border-color:#008BE7 }
```

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

Here you see how a box with a 4 pixel #008BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008BE7; -webkit-box-shadow:4px 4px  
4px 4px #008BE7; box-shadow:4px 4px 4px  
4px #008BE7 }
```

Background

The CSS property to change the background color of an element to Hex 008BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008BE7 }
```

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

```
.background{ background-color:#008BE7 }
```

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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