

Converting Colors

Hex(0087BB)

Have a look what the booklet for
Hex(0087BB) contains.

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Color

Hex(0087BB)

Conversions

Conversions Part 1

Format	Color
Hex	0087BB
RGB	0, 135, 187
RGB Percent	0%, 53%, 73%
CMY	1.0000, 0.4706, 0.2667
CMYK	1.00, 0.28, 0.00, 0.27
HSL	197°, 100%, 37%
HSV	197°, 100%, 73%
XYZ	17.6336, 20.9158, 50.1215
YIQ	100.5630, -97.1520, -12.4480

Conversions

Conversions Part 2

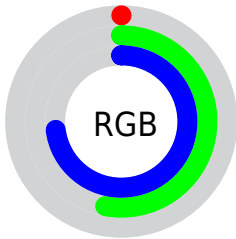
Format	Color
RYB	0, 78, 187
Decimal	34747
CIELab	52.86, -11.63, -35.71
CIELCh	53, 37.551, 251.961
Yxy	20.9158, 0.1989, 0.2359
Android (android.graphics.Color)	4278224827 (0xFF0087BB)
YUV	100.5630, 42.6134, -88.1938
Hunter-Lab	45.7338, -11.2098, -32.9646

Details

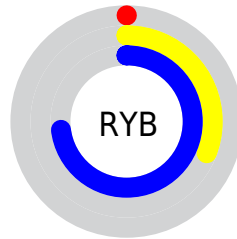
The Hex color **0087BB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BB3400**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5FBCF3**, and **005585** is the 20% darker color. If you saturate the color by 10%, you get **0087BB**, and if you desaturate by 10%, it is **138CBB**.

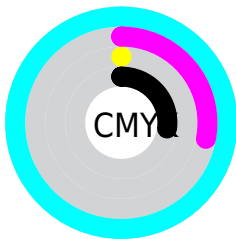
Distribution



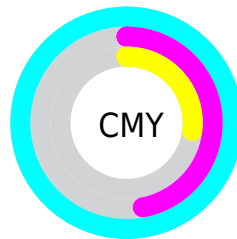
- Red (0%)
- Green (53%)
- Blue (73%)



- Red (0%)
- Yellow (31%)
- Blue (73%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0087BB 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 0087BB by changing the saturation by 10% instead.

 0087BB

 0087BB

FFFFFF

 006EAO


 5FBCF3

 005585

 7ED8FF

 003E6C

 9CF4FF

 002953

 BAF0FF

 00153C

 D9FFFF

 000226

 F7FFFF

 00010E

 000000

 0087BB

 138CBB

 2591BB

 3897BB

 4B9CBB

 5EA1BB

 70A6BB

 83ABBB

 96B1BB

 A8B6BB

Harmonies

Analogous

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



008DA8



0087BB



617DBD

Triad

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



0087BB



BC6472



62894D

Complementary

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



0087BB



BB3400

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.



85803D



0087BB



B66A55

Square

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



0087BB



B06693



A27540



338D69

Rectangle

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



0087BB



8475B5



A27540



6E8646

Sweetspot

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



0087BB



AADEF2



00BB32



4E6E7A



FAFAFA



7A7A7A

Same Dimension

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



0087BB



00AFF2



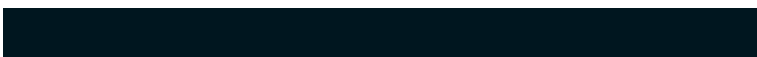
002CBB



555C5E



00729E



00161F

Inverse Universe

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



BB0087



F200AF



BB8F00



5E555C



9E0072



1F0016

Previews

White Background



This preview shows how the Hex color 0087BB looks on a white background.

Color Contrast Check

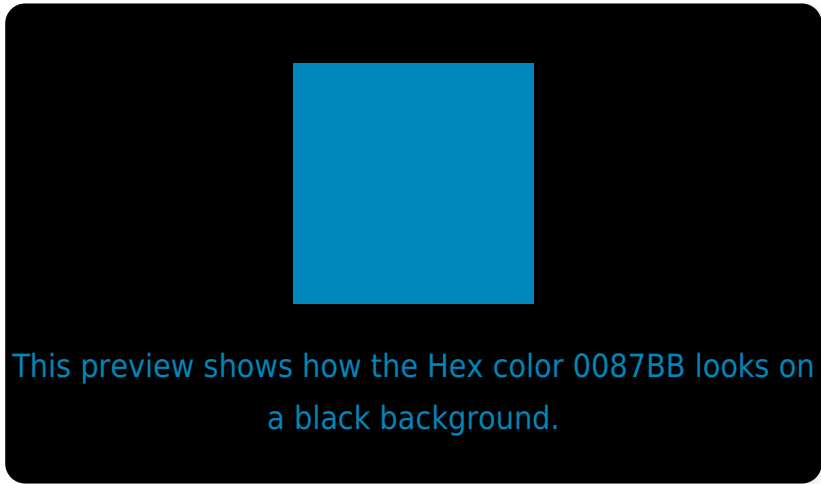
Large Text (above 18pt) WCAG AA ✓ Pass

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

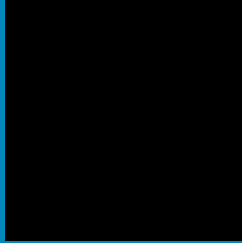
Any Text WCAG AA ✓ Pass

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 0087BB Background



This preview shows how black text looks on a background with the Hex color 0087BB.

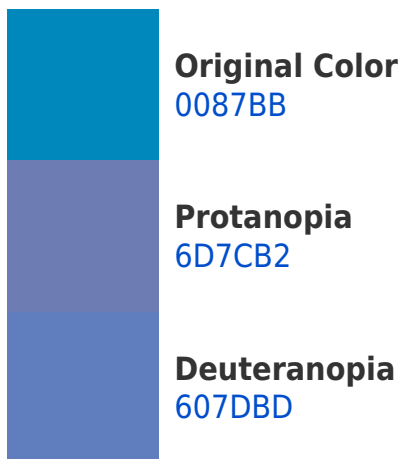


This preview shows how white text looks on a background with the Hex color 0087BB.

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
008C96

Trichromacy



Original Color
0087BB



Protanomaly
4580B5



Deuteranomaly
3D81BC



Tritanomaly
008AA3

Monochromacy



Original Color
0087BB



Achromatopsia
656565



Achromatomaly
407184

CSS Examples

Text

The CSS property to change the color of the text to Hex 0087BB 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 #0087BB looks like.

```
.text, #text, p{  
    color:#0087BB  
}
```

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 #0087BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0087BB
}
```

Border

The CSS property to change the border of an element to Hex 0087BB 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
#0087BB }
```

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

```
.border{ border-color:#0087BB }
```

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

Here you see how a box with a 4 pixel #0087BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0087BB; -webkit-box-shadow:4px 4px  
4px 4px #0087BB; box-shadow:4px 4px 4px  
4px #0087BB }
```

Background

The CSS property to change the background color of an element to Hex 0087BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0087BB }
```

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

```
.background{ background-color:#0087BB }
```

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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