

Converting Colors

Hex(0789BB)

Have a look what the booklet for
Hex(0789BB) contains.

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Color

Hex(0789BB)

Conversions

Conversions Part 1

Format	Color
Hex	0789BB
RGB	7, 137, 187
RGB Percent	3%, 54%, 73%
CMY	0.9725, 0.4627, 0.2667
CMYK	0.96, 0.27, 0.00, 0.27
HSL	197°, 93%, 38%
HSV	197°, 96%, 73%
XYZ	18.0029, 21.5243, 50.2195
YIQ	103.8300, -93.5300, -12.0100

Conversions

Conversions Part 2

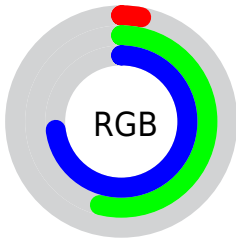
Format	Color
RYB	7, 82, 187
Decimal	494011
CIELab	53.52, -12.50, -34.67
CIElCh	54, 36.851, 250.169
Yxy	21.5243, 0.2006, 0.2398
Android (android.graphics.Color)	4278684091 (0xFF0789BB)
YUV	103.8300, 41.0028, -84.9199
Hunter-Lab	46.3943, -11.9247, -31.7023

Details

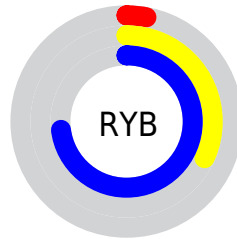
The Hex color **0789BB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BB3907**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **60BEF3**, and **005785** is the 20% darker color. If you saturate the color by 10%, you get **0087BB**, and if you desaturate by 10%, it is **1A8EBB**.

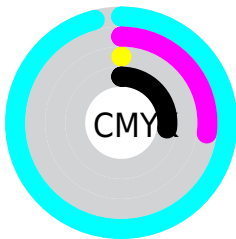
Distribution



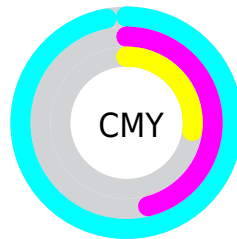
- Red (3%)
- Green (54%)
- Blue (73%)



- Red (3%)
- Yellow (32%)
- Blue (73%)



- Cyan (96%)
- Magenta (27%)
- Yellow (0%)
- Black (27%)



- Cyan (97%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0789BB 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 0789BB by changing the saturation by 10% instead.

 0789BB

 0789BB

FFFFFF

 0070A0

 60BEF3

 005785

 7FDAFF

 00406C

 9EF7FF

 002A53

 BCFFFF

 00173C

 DAFFFF

 000226

 F8FFFF

 00010F

 000000

 0789BB

 0789BB

0087BB

1A8EBB

2C93BB

3F99BB

529EBB

65A3BB

77A8BB

8AADB

9DB3BB

AFB8BB

Harmonies

Analogous

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



008FA8



0789BB



607FBE

Triad

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



0789BB



BC6676



668A4E

Complementary

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



0789BB



BB3907

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.



898240



0789BB



B86C58

Square

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



0789BB



B06996



A57744



3B8F69

Rectangle

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



0789BB



8378B7



A57744



738747

Sweetspot

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



0789BB



ACDFF2



07BB37



506F7A



FAFAFA



7A7A7A

Same Dimension

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



0789BB



00AFF2



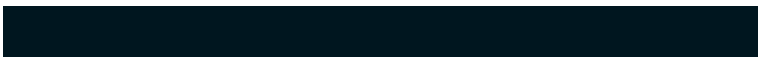
0731BB



555C5E



00729E



00161F

Inverse Universe

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



BB0789



F200AF



BB9107



5E555C



9E0072



1F0016

Previews

White Background



This preview shows how the Hex color 0789BB looks on a white background.

Color Contrast Check

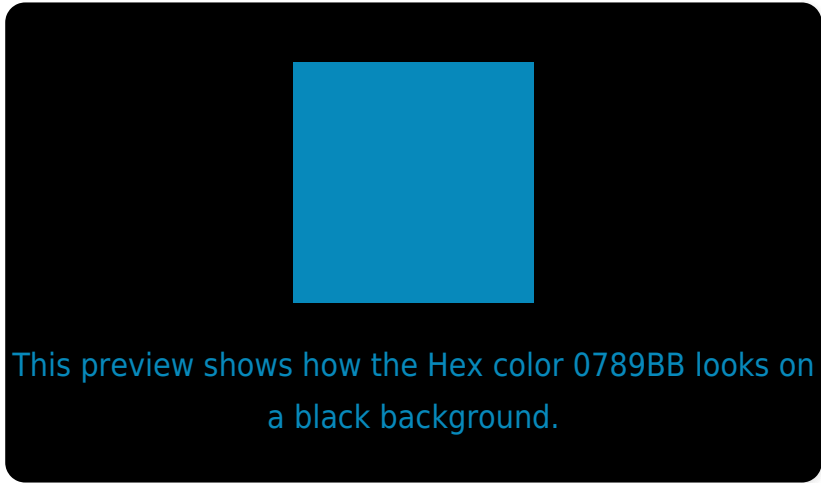
Large Text (above 18pt) WCAG AA ✓ Pass

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

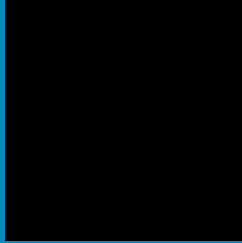
Any Text WCAG AA ✓ Pass

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 0789BB Background



This preview shows how black text looks on a background with the Hex color 0789BB.



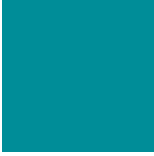
This preview shows how white text looks on a background with the Hex color 0789BB.

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](#).

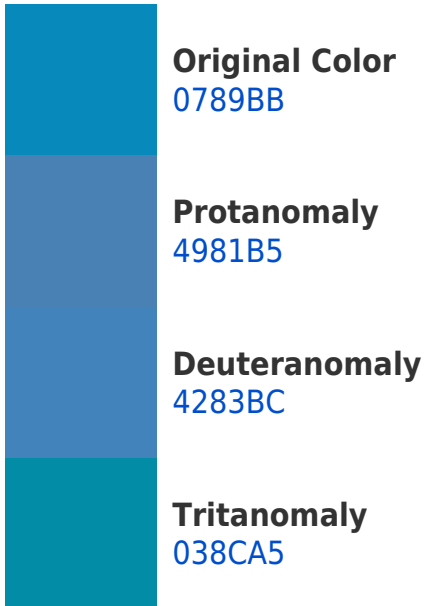
Dichromacy





Tritanopia
008D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0789BB 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 #0789BB looks like.

```
.text, #text, p{  
    color:#0789BB  
}
```

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 #0789BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0789BB
}
```

Border

The CSS property to change the border of an element to Hex 0789BB 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
#0789BB }
```

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

```
.border{ border-color:#0789BB }
```

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

Here you see how a box with a 4 pixel #0789BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0789BB; -webkit-box-shadow:4px 4px  
4px 4px #0789BB; box-shadow:4px 4px 4px  
4px #0789BB }
```

Background

The CSS property to change the background color of an element to Hex 0789BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0789BB }
```

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

```
.background{ background-color:#0789BB }
```

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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