

Converting Colors

Hex(0088B8)

Have a look what the booklet for
Hex(0088B8) contains.

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Color

Hex(0088B8)

Conversions

Conversions Part 1

Format	Color
Hex	0088B8
RGB	0, 136, 184
RGB Percent	0%, 53%, 72%
CMY	1.0000, 0.4667, 0.2784
CMYK	1.00, 0.26, 0.00, 0.28
HSL	196°, 100%, 36%
HSV	196°, 100%, 72%
XYZ	17.4559, 21.0690, 48.4941
YIQ	100.8080, -96.4640, -13.9040

Conversions

Conversions Part 2

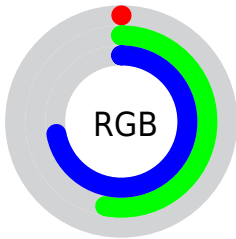
Format	Color
RYB	0, 78, 184
Decimal	35000
CIELab	53.02, -13.31, -33.73
CIELCh	53, 36.259, 248.460
Yxy	21.0690, 0.2006, 0.2421
Android (android.graphics.Color)	4278225080 (0xFF0088B8)
YUV	100.8080, 41.0137, -88.4086
Hunter-Lab	45.9010, -12.4442, -30.5088

Details

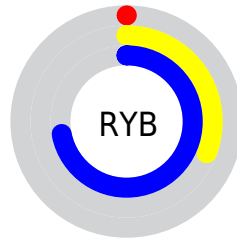
The Hex color **0088B8** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B83000**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5EBDF0**, and **005683** is the 20% darker color. If you saturate the color by 10%, you get **0088B8**, and if you desaturate by 10%, it is **128DB8**.

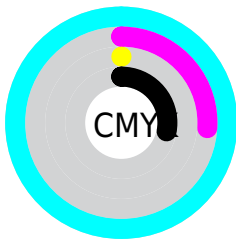
Distribution



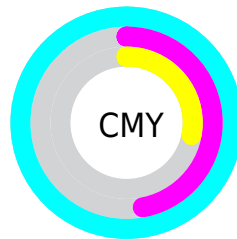
- Red (0%)
- Green (53%)
- Blue (72%)



- Red (0%)
- Yellow (31%)
- Blue (72%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (47%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0088B8 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 0088B8 by changing the saturation by 10% instead.

 0088B8

 0088B8

FFFFFF

 006F9D

 5EBDF0

 005683

 7DD9FF

 003F69

 9CF6FF

 002951

 BAF6FF

 00163A

 D8F6FF

 000224

 F6F6FF

 00000B

 000000

 0088B8

 128DB8

 2592B8

 3796B8

 4A9BB8

 5CA0B8

 6EA5B8

 81AAB8

 93AEB8

 A6B3B8

Harmonies

Analogous

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



008DA4



0088B8



5D7FBC

Triad

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



0088B8



BA6577



68884C

Complementary

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



0088B8



B83000

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.



89803F



0088B8



B66A59

Square

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



0088B8



AC6996



A57545



3E8D67

Rectangle

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



0088B8



7F77B5



A57545



748646

Sweetspot

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



0088B8



A8DDF0



00B82E



4D6D78



F7F7F7



787878

Same Dimension

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



0088B8



00B1F0



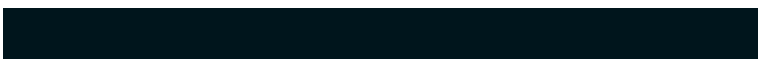
002EB8



53595C



00739C



00151C

Inverse Universe

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



B80088



F000B1



B88A00



5C5359



9C0073



1C0015

Previews

White Background



This preview shows how the Hex color 0088B8 looks on a white background.

Color Contrast Check

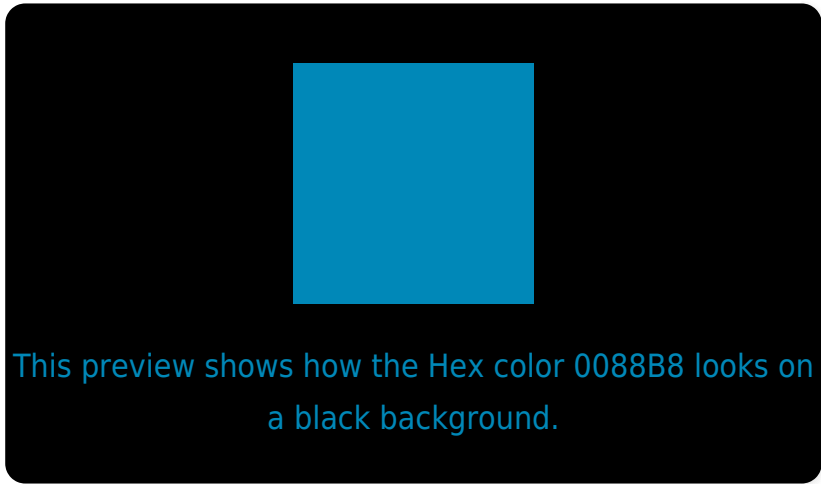
Large Text (above 18pt) WCAG AA ✓ Pass

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

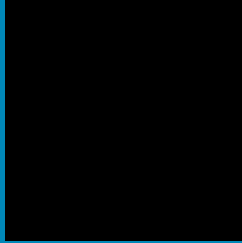
Any Text WCAG AA ✓ Pass

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 0088B8 Background



This preview shows how black text looks on a background with the Hex color 0088B8.

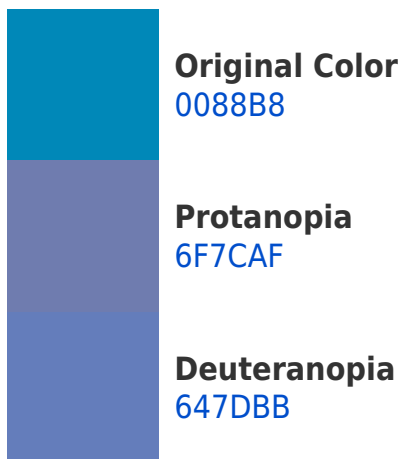


This preview shows how white text looks on a background with the Hex color 0088B8.

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](#).

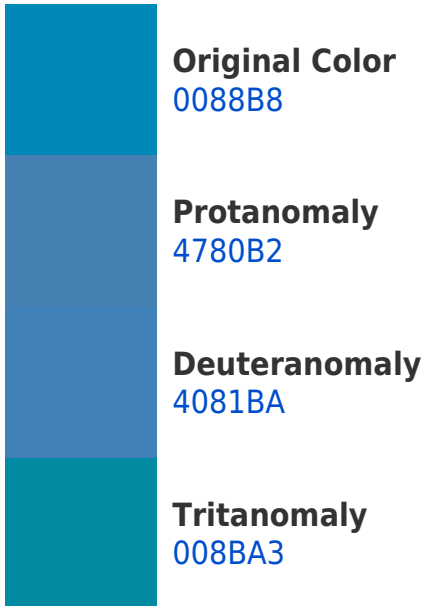
Dichromacy



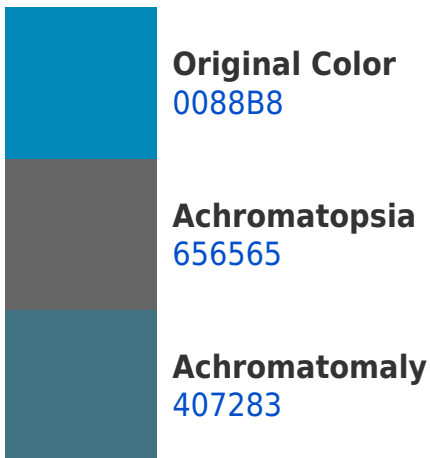


Tritanopia
008C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0088B8 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 #0088B8 looks like.

```
.text, #text, p{  
    color:#0088B8  
}
```

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 #0088B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0088B8  
}
```

Border

The CSS property to change the border of an element to Hex 0088B8 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  
#0088B8 }
```

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

```
.border{ border-color:#0088B8 }
```

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

Here you see how a box with a 4 pixel #0088B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0088B8; -webkit-box-shadow:4px 4px  
4px 4px #0088B8; box-shadow:4px 4px 4px  
4px #0088B8 }
```

Background

The CSS property to change the background color of an element to Hex 0088B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0088B8 }
```

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

```
.background{ background-color:#0088B8 }
```

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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