

Converting Colors

Hex(0090B8)

Have a look what the booklet for
Hex(0090B8) contains.

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Color

Hex(0090B8)

Conversions

Conversions Part 1

Format	Color
Hex	0090B8
RGB	0, 144, 184
RGB Percent	0%, 56%, 72%
CMY	1.0000, 0.4353, 0.2784
CMYK	1.00, 0.22, 0.00, 0.28
HSL	193°, 100%, 36%
HSV	193°, 100%, 72%
XYZ	18.6250, 23.4072, 48.8838
YIQ	105.5040, -98.6640, -18.0880

Conversions

Conversions Part 2

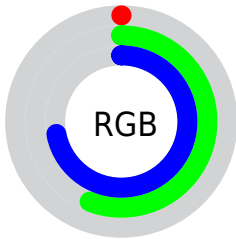
Format	Color
RYB	0, 81, 184
Decimal	37048
CIELab	55.49, -17.73, -29.89
CIELCh	55, 34.748, 239.326
Yxy	23.4072, 0.2049, 0.2575
Android (android.graphics.Color)	4278227128 (0xFF0090B8)
YUV	105.5040, 38.6985, -92.5270
Hunter-Lab	48.3810, -15.9505, -26.0395

Details

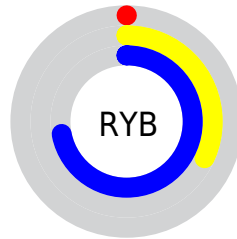
The Hex color **0090B8** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B82800**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FC6F0**, and **005E83** is the 20% darker color. If you saturate the color by 10%, you get **0090B8**, and if you desaturate by 10%, it is **1294B8**.

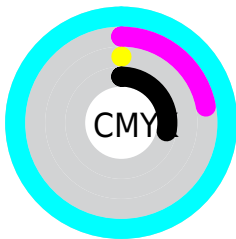
Distribution



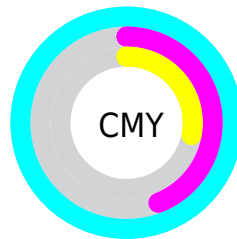
- Red (0%)
- Green (56%)
- Blue (72%)



- Red (0%)
- Yellow (32%)
- Blue (72%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (28%)




- Cyan (100%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0090B8 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 0090B8 by changing the saturation by 10% instead.

 0090B8

 0090B8

FFFFFF

 00769D

 5FC6F0

 005E83

 7EE2FF

 004669

 9CFFFF

 002F51

 BBFFFF

 001C3A

 D9FFFF

 000224

 F7FFFF

 00000C

 000000

 0090B8

 1294B8

 2598B8

 379CB8

 4AA0B8

 5CA4B8

 6EA8B8

 81ACB8

 93B0B8

 A6B4B8

Harmonies

Analogous

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



0094A1



0090B8



5588C1

Triad

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



0090B8



BC6D87



7A8C4F

Complementary

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



0090B8



B82800

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.



998348



0090B8



BE6F69

Square

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



0090B8



AA73A4



B17852



559265

Rectangle

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



0090B8



7881BE



B17852



85894B

Sweetspot

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



0090B8



A8E0F0



00B828



4D6E78



F7F7F7



787878

Same Dimension

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



0090B8



00BCF0



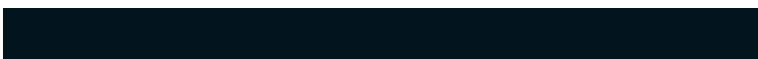
0034B8



535A5C



007A9C



00161C

Inverse Universe

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



B80090



F000BC



B88400



5C535A



9C007A



1C0016

Previews

White Background



This preview shows how the Hex color 0090B8 looks on a white background.

Color Contrast Check

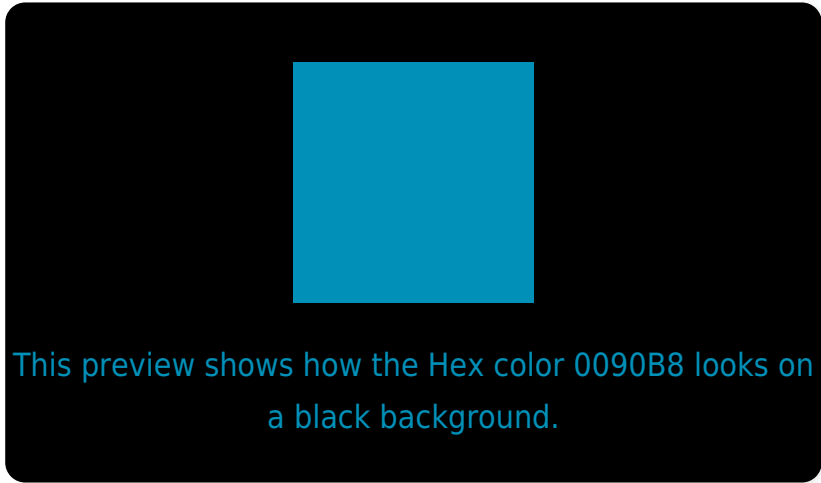
Large Text (above 18pt) WCAG AA ✓ Pass

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

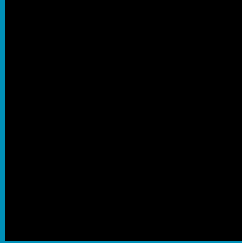
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

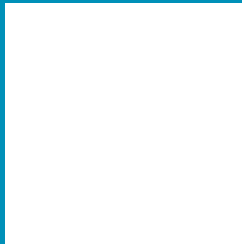
Any Text WCAG AAA × Fail

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

Hex 0090B8 Background



This preview shows how black text looks on a background with the Hex color 0090B8.

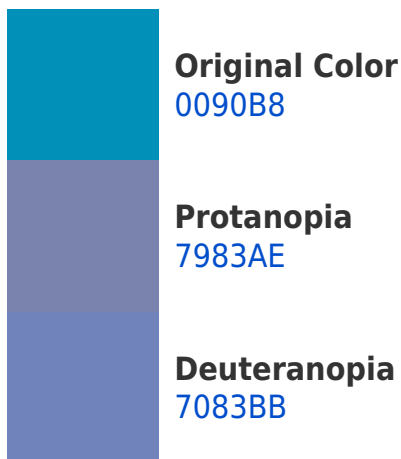


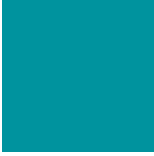
This preview shows how white text looks on a background with the Hex color 0090B8.

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](#).

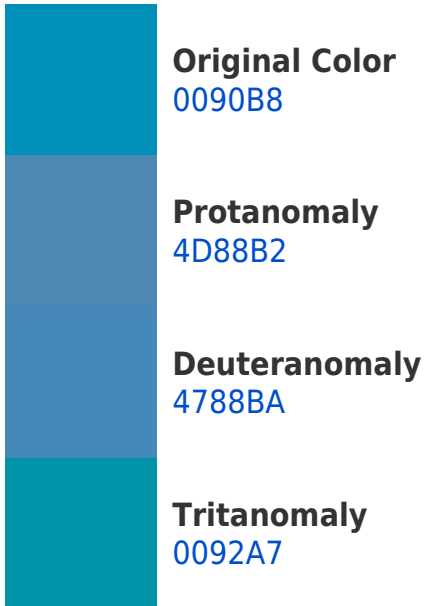
Dichromacy



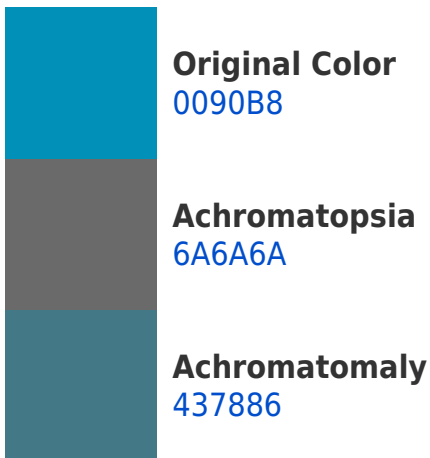


Tritanopia
00939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0090B8 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 #0090B8 looks like.

```
.text, #text, p{  
    color:#0090B8  
}
```

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 #0090B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0090B8
}
```

Border

The CSS property to change the border of an element to Hex 0090B8 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
#0090B8 }
```

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

```
.border{ border-color:#0090B8 }
```

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

Here you see how a box with a 4 pixel #0090B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0090B8; -webkit-box-shadow:4px 4px  
4px 4px #0090B8; box-shadow:4px 4px 4px  
4px #0090B8 }
```

Background

The CSS property to change the background color of an element to Hex 0090B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0090B8 }
```

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

```
.background{ background-color:#0090B8 }
```

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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