

Converting Colors

Hex(0090BE)

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

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Color

Hex(0090BE)

Conversions

Conversions Part 1

Format	Color
Hex	0090BE
RGB	0, 144, 190
RGB Percent	0%, 56%, 75%
CMY	1.0000, 0.4353, 0.2549
CMYK	1.00, 0.24, 0.00, 0.25
HSL	195°, 100%, 37%
HSV	195°, 100%, 75%
XYZ	19.2675, 23.6642, 52.2673
YIQ	106.1880, -100.5900, -16.2220

Conversions

Conversions Part 2

Format	Color
RYB	0, 82, 190
Decimal	37054
CIELab	55.75, -15.55, -32.89
CIELCh	56, 36.381, 244.699
Yxy	23.6642, 0.2024, 0.2486
Android (android.graphics.Color)	4278227134 (0xFF0090BE)
YUV	106.1880, 41.3193, -93.1269
Hunter-Lab	48.6459, -14.4305, -29.6517

Details

The Hex color **0090BE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BE2E00**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60C6F7**, and **005E88** is the 20% darker color. If you saturate the color by 10%, you get **0090BE**, and if you desaturate by 10%, it is **1395BE**.

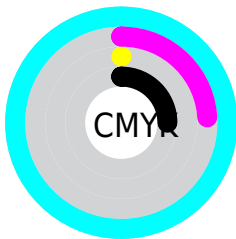
Distribution



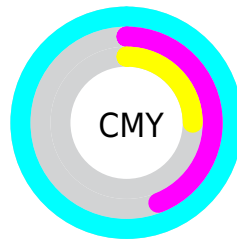
- Red (0%)
- Green (56%)
- Blue (75%)



- Red (0%)
- Yellow (32%)
- Blue (75%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 0090BE

 0090BE

FFFFFF

 0076A3

 60C6F7

 005E88

 80E2FF

 00466F

 9EFFFF

 003056

 BCFFFF

 001C3F

 DBFFFF

 000328

 F9FFFF

 000112

 000000

 0090BE

 1395BE

 2699BE

 399EBE

 4CA2BE

 5FA7BE

 72ACBE

 85B0BE

 98B5BE

 ABB9BE

Harmonies

Analogous

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



0095A9



0090BE



5D87C4

Triad

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



0090BE



C16C82



738E50

Complementary

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



0090BE



BE2E00

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.



958545



0090BE



BF7063

Square

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



0090BE



B171A1



AF7A4D



4B9469

Rectangle

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



0090BE



807FBF



AF7A4D



7F8C4B

Sweetspot

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



0090BE



ADE5F7



00BE2C



50727D



FCFCFC



7D7D7D

Same Dimension

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



0090BE



00BBF7



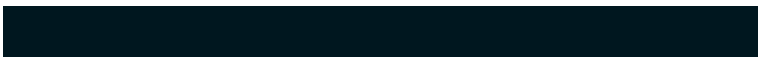
0033BE



555C5E



00789E



00171F

Inverse Universe

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



BE0090



F700BB



BE8B00



5E555C



9E0078



1F0017

Previews

White Background



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

Color Contrast Check

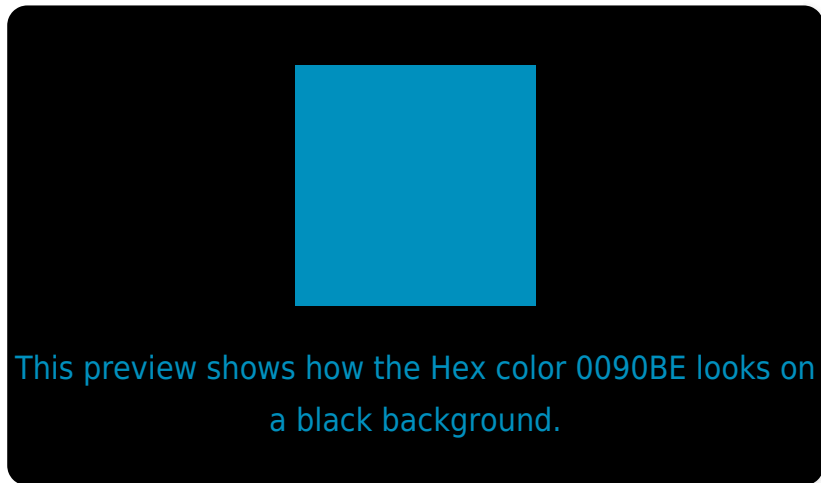
Large Text (above 18pt) WCAG AA ✓ Pass

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 0090BE Background



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



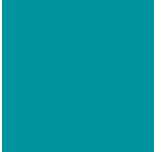
This preview shows how white text looks on a background with the Hex color 0090BE.

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](#).

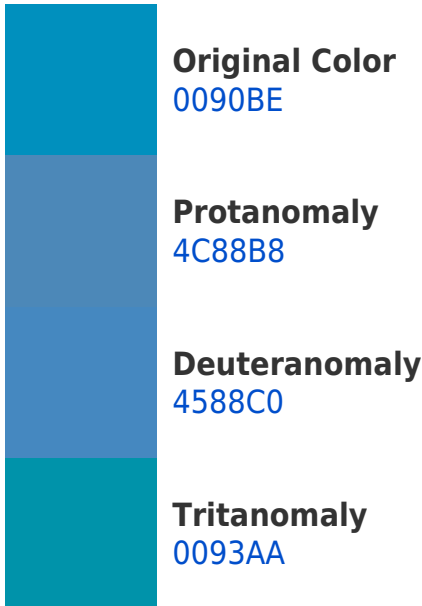
Dichromacy



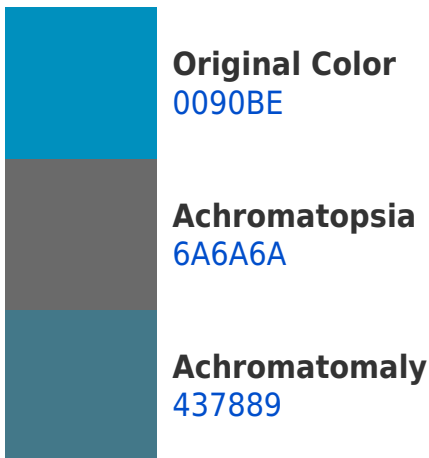


Tritanopia
00949F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0090BE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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