

Converting Colors

Hex(0090B3)

Have a look what the booklet for
Hex(0090B3) contains.

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Color

Hex(0090B3)

Conversions

Conversions Part 1

Format	Color
Hex	0090B3
RGB	0, 144, 179
RGB Percent	0%, 56%, 70%
CMY	1.0000, 0.4353, 0.2980
CMYK	1.00, 0.20, 0.00, 0.30
HSL	192°, 100%, 35%
HSV	192°, 100%, 70%
XYZ	18.1099, 23.2012, 46.1716
YIQ	104.9340, -97.0590, -19.6430

Conversions

Conversions Part 2

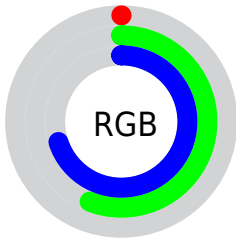
Format	Color
RYB	0, 80, 179
Decimal	37043
CIELab	55.28, -19.52, -27.36
CIELCh	55, 33.612, 234.494
Yxy	23.2012, 0.2070, 0.2652
Android (android.graphics.Color)	4278227123 (0xFF0090B3)
YUV	104.9340, 36.5145, -92.0271
Hunter-Lab	48.1676, -17.1813, -23.1158

Details

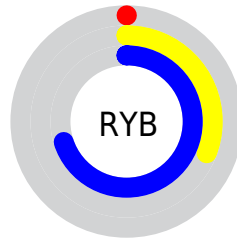
The Hex color **0090B3** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B32300**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5EC6EB**, and **005D7E** is the 20% darker color. If you saturate the color by 10%, you get **0090B3**, and if you desaturate by 10%, it is **1293B3**.

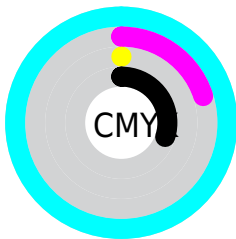
Distribution



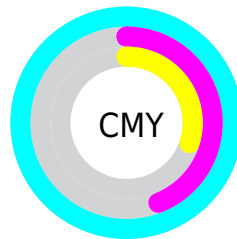
- Red (0%)
- Green (56%)
- Blue (70%)



- Red (0%)
- Yellow (31%)
- Blue (70%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0090B3 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 0090B3 by changing the saturation by 10% instead.

 0090B3

 0090B3

FFFFFF

 007698

 5EC6EB

 005D7E

 7DE2FF

 004665

 9BFFFF

 002F4D

 B9FFFF

 001C36

 D7FFFF

 000220

 F6FFFF

 000005

 000000

 0090B3

 1293B3

 2497B3

 369BB3

 489EB3

 5AA2B3

 6BA5B3

 7DA9B3

 8FACB3

 A1B0B3

Harmonies

Analogous

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



00939C



0090B3



4E89BE

Triad

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



0090B3



B86E8B



7F8A4E

Complementary

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



0090B3



B32300

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.



9C814A



0090B3



BC6F6E

Square

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



0090B3



A474A7



B27756



5D9062

Rectangle

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



0090B3



7082BD



B27756



89874B

Sweetspot

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



0090B3



A2DAE8



00B321



4B6D75



F5F5F5



757575

Same Dimension

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



0090B3



00BBE8



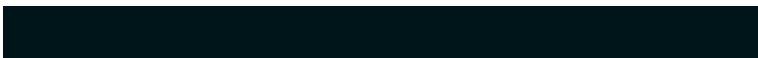
0039B3



505859



007B99



00151A

Inverse Universe

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



B30090



E800BB



B37A00



595058



99007B



1A0015

Previews

White Background



This preview shows how the Hex color 0090B3 looks on a white background.

Color Contrast Check

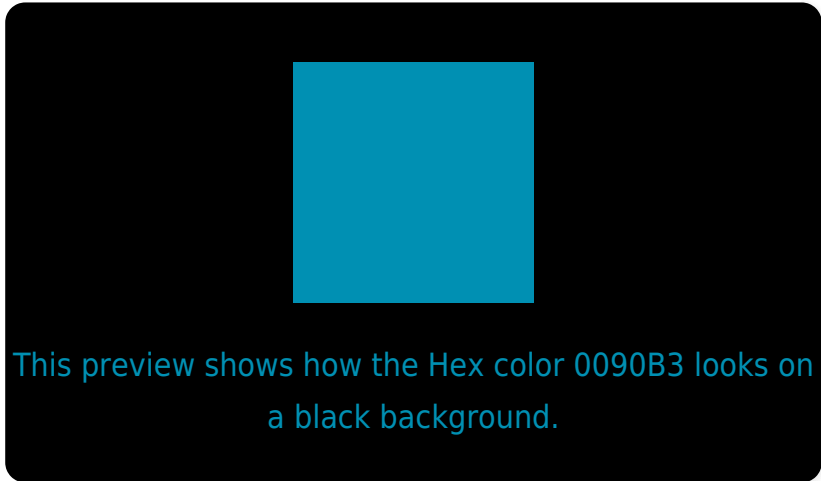
Large Text (above 18pt) WCAG AA ✓ Pass

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

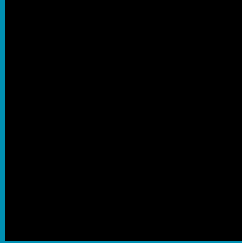
Any Text WCAG AA ✓ Pass

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 0090B3 Background



This preview shows how black text looks on a background with the Hex color 0090B3.

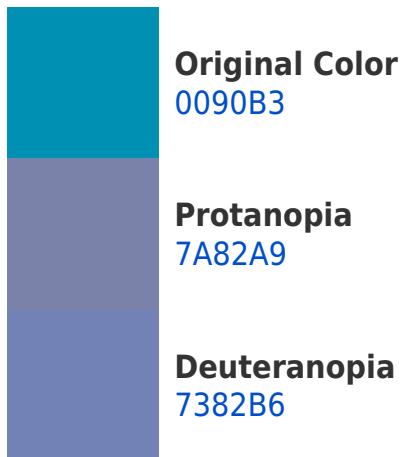


This preview shows how white text looks on a background with the Hex color 0090B3.

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



Original Color
0090B3



Protanomaly
4E87AD



Deuteranomaly
4987B5



Tritanomaly
0092A6

Monochromacy



Original Color
0090B3



Achromatopsia
696969



Achromatomaly
437784

CSS Examples

Text

The CSS property to change the color of the text to Hex 0090B3 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 #0090B3 looks like.

```
.text, #text, p{  
    color:#0090B3  
}
```

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 #0090B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0090B3
}
```

Border

The CSS property to change the border of an element to Hex 0090B3 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
#0090B3 }
```

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

```
.border{ border-color:#0090B3 }
```

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

Here you see how a box with a 4 pixel #0090B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0090B3; -webkit-box-shadow:4px 4px  
4px 4px #0090B3; box-shadow:4px 4px 4px  
4px #0090B3 }
```

Background

The CSS property to change the background color of an element to Hex 0090B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0090B3 }
```

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

```
.background{ background-color:#0090B3 }
```

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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