

Converting Colors

Hex(0090B5)

Have a look what the booklet for
Hex(0090B5) contains.

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Color

Hex(0090B5)

Conversions

Conversions Part 1

Format	Color
Hex	0090B5
RGB	0, 144, 181
RGB Percent	0%, 56%, 71%
CMY	1.0000, 0.4353, 0.2902
CMYK	1.00, 0.20, 0.00, 0.29
HSL	192°, 100%, 35%
HSV	192°, 100%, 71%
XYZ	18.3137, 23.2827, 47.2448
YIQ	105.1620, -97.7010, -19.0210

Conversions

Conversions Part 2

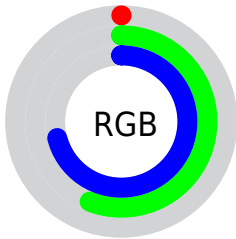
Format	Color
RYB	0, 80, 181
Decimal	37045
CIELab	55.36, -18.81, -28.37
CIELCh	55, 34.040, 236.464
Yxy	23.2827, 0.2061, 0.2621
Android (android.graphics.Color)	4278227125 (0xFF0090B5)
YUV	105.1620, 37.3881, -92.2271
Hunter-Lab	48.2522, -16.6929, -24.2757

Details

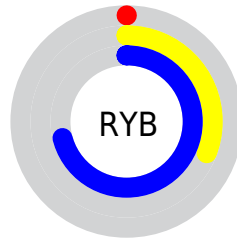
The Hex color **0090B5** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B52500**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5EC6ED**, and **005D80** is the 20% darker color. If you saturate the color by 10%, you get **0090B5**, and if you desaturate by 10%, it is **1294B5**.

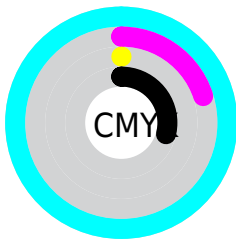
Distribution



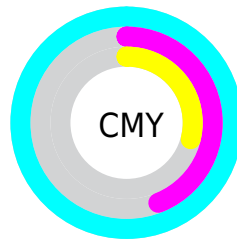
- Red (0%)
- Green (56%)
- Blue (71%)



- Red (0%)
- Yellow (31%)
- Blue (71%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (29%)




- Cyan (100%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0090B5 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 0090B5 by changing the saturation by 10% instead.

 0090B5

 0090B5

FFFFFF

 00769A

 5EC6ED

 005D80

 7DE2FF

 004667

 9CFFFF

 002F4F

 BAFFFF

 001C37

 D8FFFF

 000222

 F6FFFF

 000008

 000000

 0090B5

 1294B5

 2497B5


 369BB5

 489FB5

 5BA3B5

 6DA6B5

 7FAAB5

 91AEB5

 A3B1B5

Harmonies

Analogous

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



00949E



0090B5



5189BF

Triad

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



0090B5



BA6D89



7D8B4F

Complementary

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



0090B5



B52500

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.



9B8249



0090B5



BD6F6C

Square

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



0090B5



A674A6



B17754



5A9163

Rectangle

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



0090B5



7382BD



B17754



87884B

Sweetspot

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



0090B5



A4DCEB



00B524



4B6D75



F5F5F5



757575

Same Dimension

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



0090B5



00BBEB



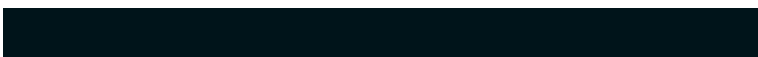
0036B5



505759



007A99



00141A

Inverse Universe

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



B50090



EB00BB



B57F00



595057



99007A



1A0014

Previews

White Background



This preview shows how the Hex color 0090B5 looks on a white background.

Color Contrast Check

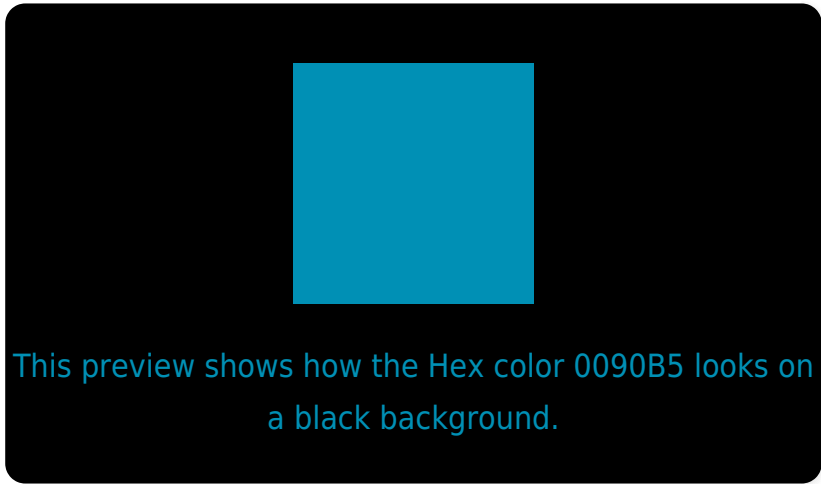
Large Text (above 18pt) WCAG AA ✓ Pass

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

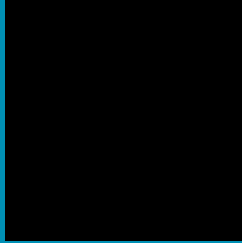
Any Text WCAG AA ✓ Pass

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 0090B5 Background



This preview shows how black text looks on a background with the Hex color 0090B5.

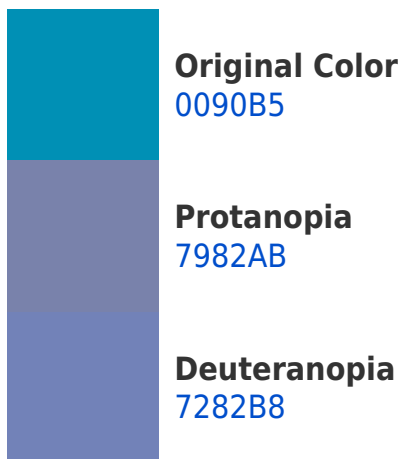


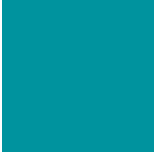
This preview shows how white text looks on a background with the Hex color 0090B5.

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
0090B5



Protanomaly
4D87AF



Deuteranomaly
4987B7



Tritanomaly
0092A6

Monochromacy



Original Color
0090B5



Achromatopsia
696969



Achromatomaly
437785

CSS Examples

Text

The CSS property to change the color of the text to Hex 0090B5 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 #0090B5 looks like.

```
.text, #text, p{  
    color:#0090B5  
}
```

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 #0090B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0090B5
}
```

Border

The CSS property to change the border of an element to Hex 0090B5 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
#0090B5 }
```

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

```
.border{ border-color:#0090B5 }
```

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

Here you see how a box with a 4 pixel #0090B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0090B5; -webkit-box-shadow:4px 4px  
4px 4px #0090B5; box-shadow:4px 4px 4px  
4px #0090B5 }
```

Background

The CSS property to change the background color of an element to Hex 0090B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0090B5 }
```

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

```
.background{ background-color:#0090B5 }
```

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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