

Converting Colors

Hex(0090C1)

Have a look what the booklet for
Hex(0090C1) contains.

Hex(0090C1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0090C1)

Conversions

Conversions Part 1

Format	Color
Hex	0090C1
RGB	0, 144, 193
RGB Percent	0%, 56%, 76%
CMY	1.0000, 0.4353, 0.2431
CMYK	1.00, 0.25, 0.00, 0.24
HSL	195°, 100%, 38%
HSV	195°, 100%, 76%
XYZ	19.5989, 23.7968, 54.0123
YIQ	106.5300, -101.5530, -15.2890

Conversions

Conversions Part 2

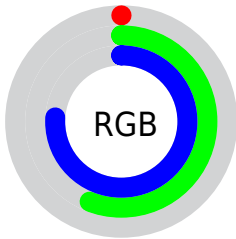
Format	Color
RYB	0, 82, 193
Decimal	37057
CIELab	55.88, -14.45, -34.38
CIELCh	56, 37.297, 247.205
Yxy	23.7968, 0.2012, 0.2443
Android (android.graphics.Color)	4278227137 (0xFF0090C1)
YUV	106.5300, 42.6297, -93.4268
Hunter-Lab	48.7819, -13.6533, -31.4997

Details

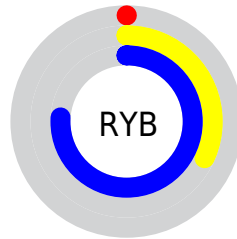
The Hex color **0090C1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C13100**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **61C6FA**, and **005E8B** is the 20% darker color. If you saturate the color by 10%, you get **0090C1**, and if you desaturate by 10%, it is **1395C1**.

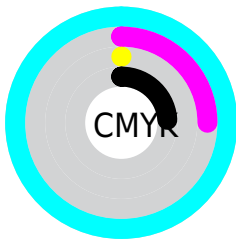
Distribution



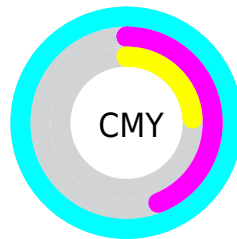
- Red (0%)
- Green (56%)
- Blue (76%)



- Red (0%)
- Yellow (32%)
- Blue (76%)



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




- Cyan (100%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0090C1 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 0090C1 by changing the saturation by 10% instead.

 0090C1

 0090C1

FFFFFF

 0076A6

 61C6FA

 005E8B

 80E2FF

 004671

 9FFEFF

 003059

 BDFFFF

 001C41

 DCFFFF

 00032B

 FAFFFF

 000115

 000000

 0090C1

 1395C1

 279AC1

 3A9FC1

 4DA4C1

 61A8C1

 74ADC1

 87B2C1

 9AB7C1

 AEBCC1

Harmonies

Analogous

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



0095AC



0090C1



6087C6

Triad

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



0090C1



C36C7F



708F51

Complementary

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



0090C1



C13100

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.



938744



0090C1



C07160

Square

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



0090C1



B570A0



AE7B4A



45956C

Rectangle

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



0090C1



847FC0



AE7B4A



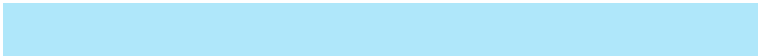
7C8D4B

Sweetspot

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



0090C1



AFE7FA



00C130



50727D



FCFCFC



7D7D7D

Same Dimension

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



0090C1



00BAFA



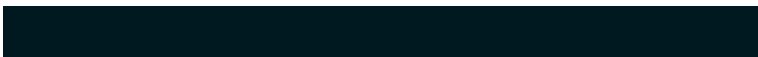
0030C1



575E61



0078A1



001921

Inverse Universe

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



C10090



FA00BA



C19100



61575E



A10078



210019

Previews

White Background



This preview shows how the Hex color 0090C1 looks on a white background.

Color Contrast Check

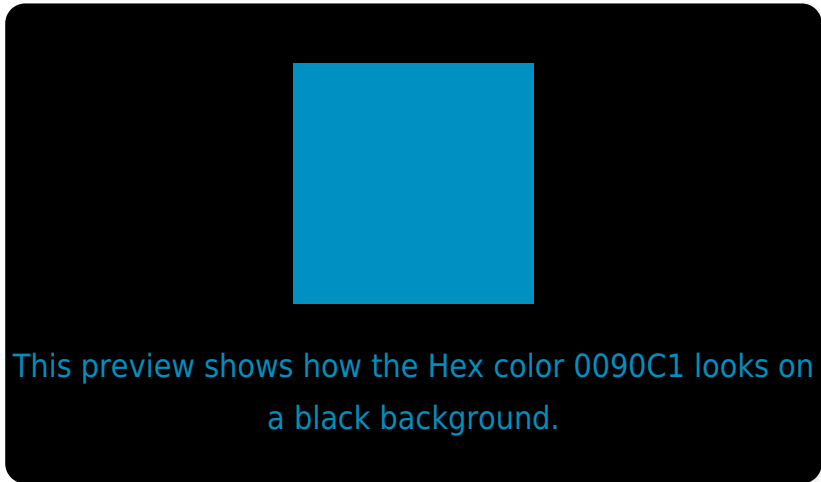
Large Text (above 18pt) WCAG AA ✓ Pass

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

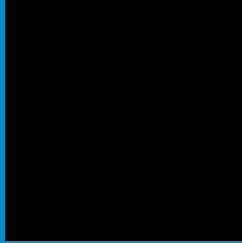
Any Text WCAG AA ✓ Pass

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 0090C1 Background



This preview shows how black text looks on a background with the Hex color 0090C1.



This preview shows how white text looks on a background with the Hex color 0090C1.

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



Original Color
0090C1

Protanomaly
4B88BB

Deuteranomaly
4488C3

Tritanomaly
0093AB

Monochromacy



Original Color
0090C1

Achromatopsia
6B6B6B

Achromatomaly
44788A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0090C1 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 #0090C1 looks like.

```
.text, #text, p{  
    color:#0090C1  
}
```

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 #0090C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0090C1
}
```

Border

The CSS property to change the border of an element to Hex 0090C1 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
#0090C1 }
```

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

```
.border{ border-color:#0090C1 }
```

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

Here you see how a box with a 4 pixel #0090C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0090C1; -webkit-box-shadow:4px 4px  
4px 4px #0090C1; box-shadow:4px 4px 4px  
4px #0090C1 }
```

Background

The CSS property to change the background color of an element to Hex 0090C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0090C1 }
```

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

```
.background{ background-color:#0090C1 }
```

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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