

Converting Colors

Hex(0090C2)

Have a look what the booklet for
Hex(0090C2) contains.

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Color

Hex(0090C2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 0090C2 |
| RGB | 0, 144, 194 |
| RGB Percent | 0%, 56%, 76% |
| CMY | 1.0000, 0.4353, 0.2392 |
| CMYK | 1.00, 0.26, 0.00, 0.24 |
| HSL | 195°, 100%, 38% |
| HSV | 195°, 100%, 76% |
| XYZ | 19.7109, 23.8416, 54.6019 |
| YIQ | 106.6440, -101.8740, -14.9780 |

Conversions

Conversions Part 2

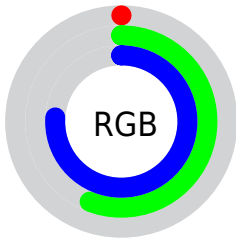
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 83, 194 |
| Decimal | 37058 |
| CIELab | 55.93, -14.08, -34.88 |
| CIELCh | 56, 37.616, 248.014 |
| Yxy | 23.8416, 0.2008, 0.2429 |
| Android (android.graphics.Color) | 4278227138 (0xFF0090C2) |
| YUV | 106.6440, 43.0665, -93.5268 |
| Hunter-Lab | 48.8278, -13.3916, -32.1219 |

Details

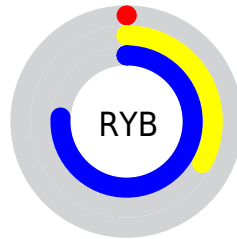
The Hex color **0090C2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C23200**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **61C6FB**, and **005E8C** is the 20% darker color. If you saturate the color by 10%, you get **0090C2**, and if you desaturate by 10%, it is **1395C2**.

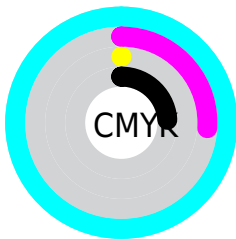
Distribution



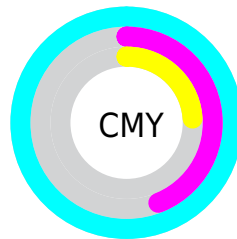
- Red (0%)
- Green (56%)
- Blue (76%)



- Red (0%)
- Yellow (33%)
- Blue (76%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0090C2 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 0090C2 by changing the saturation by 10% instead.

 0090C2

 0090C2

FFFFFF

 0076A7

 61C6FB

 005E8C

 81E2FF

 004672

 9FFEFF

 00305A

 BEFFFF

 001C42

 DCFFFF

 00032B

 FBFFFF

 000116

 000000

 0090C2

 1395C2

 279AC2

 3A9FC2

 4EA4C2

 61A9C2

 74AEC2

 88B3C2

 9BB8C2

 AFBDC2

Harmonies

Analogous

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



0096AD



0090C2



6286C7

Triad

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



0090C2



C46B7E



6F9051

Complementary

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



0090C2



C23200

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.



928744



0090C2



C0715F

Square

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



0090C2



B66F9F



AE7C4A



43956C

Rectangle

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



0090C2



867EC0



AE7C4A



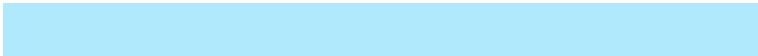
7B8D4B

Sweetspot

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



0090C2



B1E9FC



00C231



527480



000000



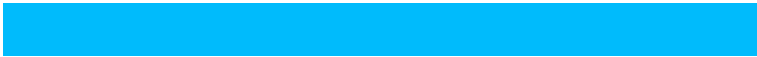
808080

Same Dimension

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



0090C2



00BBFC



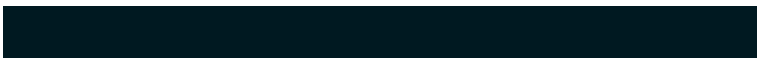
0031C2



575E61



0077A1



001921

Inverse Universe

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



C20090



FC00BB



C29200



61575E



A10077



210019

Previews

White Background



This preview shows how the Hex color 0090C2 looks on a white background.

Color Contrast Check

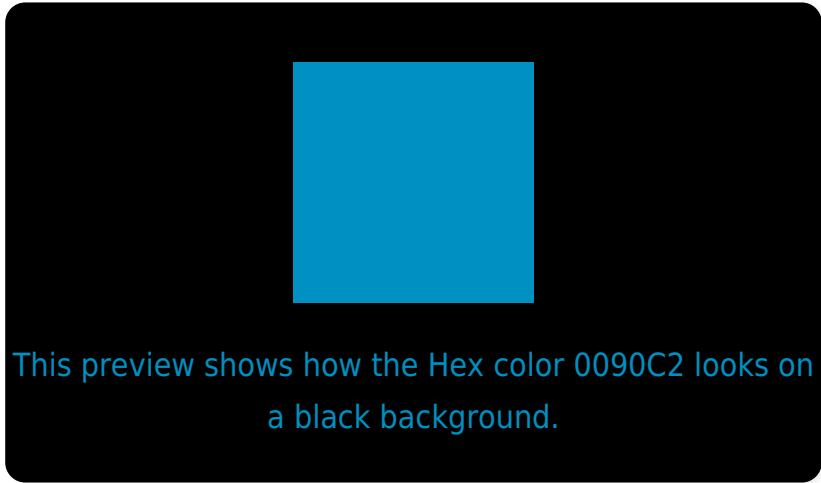
Large Text (above 18pt) WCAG AA ✓ Pass

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

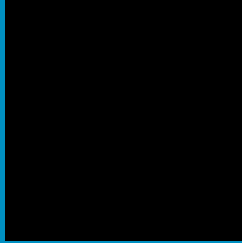
Any Text WCAG AA ✓ Pass

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 0090C2 Background



This preview shows how black text looks on a background with the Hex color 0090C2.



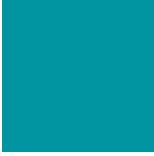
This preview shows how white text looks on a background with the Hex color 0090C2.

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
0094A0

Trichromacy



Original Color
0090C2



Protanomaly
4B88BC



Deuteranomaly
4389C4



Tritanomaly
0093AC

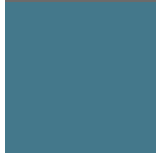
Monochromacy



Original Color
0090C2



Achromatopsia
6B6B6B



Achromatomaly
44788B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0090C2 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 #0090C2 looks like.

```
.text, #text, p{  
    color:#0090C2  
}
```

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 #0090C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0090C2
}
```

Border

The CSS property to change the border of an element to Hex 0090C2 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
#0090C2 }
```

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

```
.border{ border-color:#0090C2 }
```

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

Here you see how a box with a 4 pixel #0090C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0090C2; -webkit-box-shadow:4px 4px  
4px 4px #0090C2; box-shadow:4px 4px 4px  
4px #0090C2 }
```

Background

The CSS property to change the background color of an element to Hex 0090C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0090C2 }
```

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

```
.background{ background-color:#0090C2 }
```

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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