

# Converting Colors

Hex(0A91C5)

Have a look what the booklet for  
Hex(0A91C5) contains.

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# Color

Hex(0A91C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A91C5
RGB	10, 145, 197
RGB Percent	4%, 57%, 77%
CMY	0.9608, 0.4314, 0.2275
CMYK	0.95, 0.26, 0.00, 0.23
HSL	197°, 90%, 41%
HSV	197°, 95%, 77%
XYZ	20.3286, 24.3465, 56.4512
YIQ	110.5630, -97.1520, -12.4480

# Conversions

## Conversions Part 2

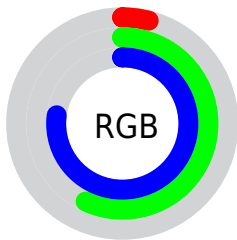
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 88, 197
Decimal	692677
CIELab	56.43, -13.20, -35.79
CIELCh	56, 38.141, 249.758
Yxy	24.3465, 0.2010, 0.2408
Android (android.graphics.Color)	4278882757 (0xFF0A91C5)
YUV	110.5630, 42.6134, -88.1938
Hunter-Lab	49.3422, -12.8082, -33.2927

# Details

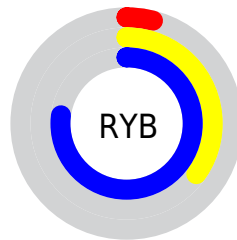
The Hex color **0A91C5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C53E0A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **64C7FE**, and **005F8F** is the 20% darker color. If you saturate the color by 10%, you get **008EC5**, and if you desaturate by 10%, it is **1E96C5**.

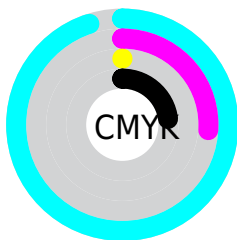
# Distribution



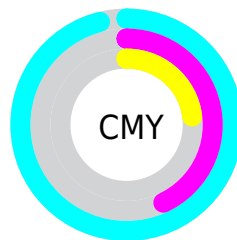
- Red (4%)
- Green (57%)
- Blue (77%)



- Red (4%)
- Yellow (35%)
- Blue (77%)



- Cyan (95%)
- Magenta (26%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (43%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A91C5 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 0A91C5 by changing the saturation by 10% instead.



 0A91C5

 0A91C5

FFFFFF

 0077AA

 64C7FE

 005F8F

 83E3FF

 004775

 A2FFFF

 00315C

 C0FFFF

 001D44

 DFFFFF

 00032E

FDFFFF

 000118

 000000

 0A91C5

 0A91C5

■ 008EC5

■ 1E96C5

■ 319CC5

■ 45A1C5

■ 59A7C5

■ 6DACC5

■ 80B2C5

■ 94B7C5

■ A8BDC5

■ BBC2C5

# Harmonies

## Analogous

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



0097B1



0A91C5



6687C9

# Triad

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



0A91C5



C66C7E



6D9253

# Complementary

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



0A91C5



C53E0A

# 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.



918944



0A91C5



C2725F

# Square

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



0A91C5



B9709F



AF7D49



40976F

# Rectangle

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



0A91C5



8A7FC1



AF7D49



7A8F4C

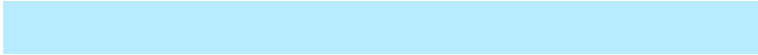


# Sweetspot

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



0A91C5



B8EBFF



0AC53C



547380



000000



808080

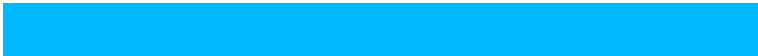


# Same Dimension

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



0A91C5



00B8FF



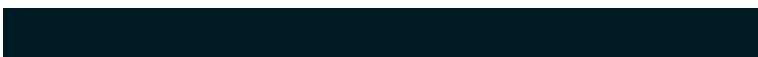
0A36C5



5A6163



0076A3



001A24



# Inverse Universe

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



C50A91



FF00B8



C5990A



635A61



A30076



24001A



# Previews

## White Background



This preview shows how the Hex color 0A91C5 looks on a white background.

## Color Contrast Check

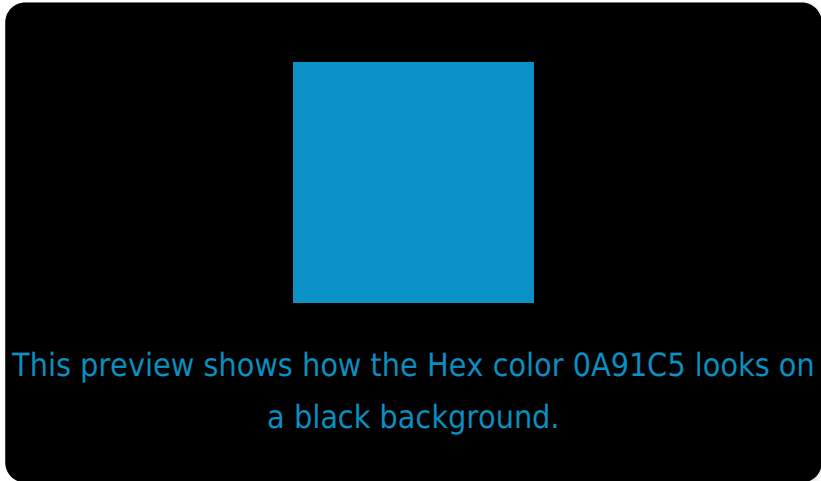
Large Text (above 18pt) WCAG AA ✓ Pass

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

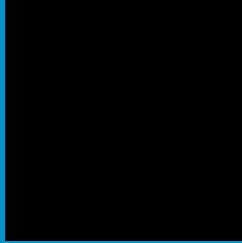
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0A91C5 Background



This preview shows how black text looks on a background with the Hex color 0A91C5.



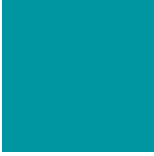
This preview shows how white text looks on a background with the Hex color 0A91C5.

# 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](#).

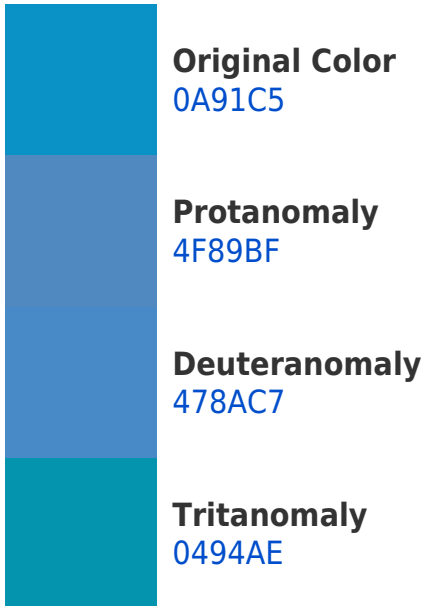
## Dichromacy



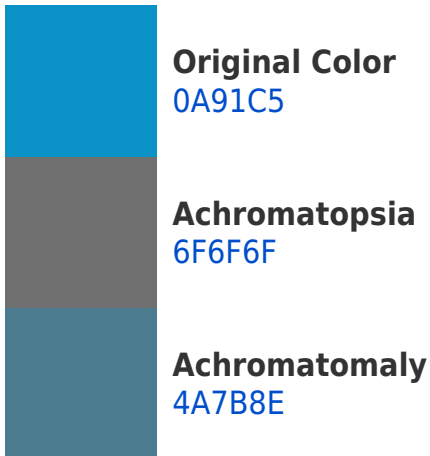


**Tritanopia**  
0096A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A91C5 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 #0A91C5 looks like.

```
.text, #text, p{  
    color:#0A91C5  
}
```

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 #0A91C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A91C5
}
```

## Border

The CSS property to change the border of an element to Hex 0A91C5 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
#0A91C5 }
```

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

```
.border{ border-color:#0A91C5 }
```

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

Here you see how a box with a 4 pixel #0A91C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A91C5; -webkit-box-shadow:4px 4px  
4px 4px #0A91C5; box-shadow:4px 4px 4px  
4px #0A91C5 }
```

# Background

The CSS property to change the background color of an element to Hex 0A91C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A91C5 }
```

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

```
.background{ background-color:#0A91C5 }
```

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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