

Converting Colors

Hex(0990CD)

Have a look what the booklet for
Hex(0990CD) contains.

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Color

Hex(0990CD)

Conversions

Conversions Part 1

Format	Color
Hex	0990CD
RGB	9, 144, 205
RGB Percent	4%, 56%, 80%
CMY	0.9647, 0.4353, 0.1961
CMYK	0.96, 0.30, 0.00, 0.20
HSL	199°, 92%, 42%
HSV	199°, 96%, 80%
XYZ	21.1054, 24.4124, 61.3573
YIQ	110.5890, -100.0410, -9.6490

Conversions

Conversions Part 2

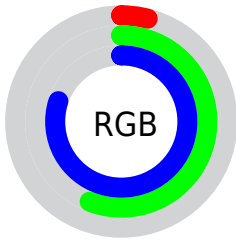
Format	Color
R _Y B	9, 89, 205
Decimal	626893
CIE Lab	56.50, -9.72, -40.20
CIE LCh	56, 41.356, 256.411
Yxy	24.4124, 0.1975, 0.2284
Android (android.graphics.Color)	4278816973 (0xFF0990CD)
YUV	110.5890, 46.5446, -89.0936
Hunter-Lab	49.4089, -10.2180, -39.0417

Details

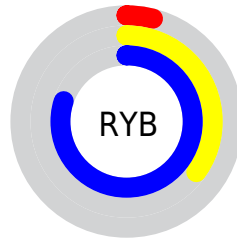
The Hex color **0990CD** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CD4609**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **65C6FF**, and **005E96** is the 20% darker color. If you saturate the color by 10%, you get **008DCD**, and if you desaturate by 10%, it is **1D96CD**.

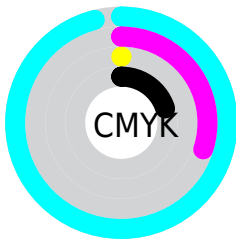
Distribution



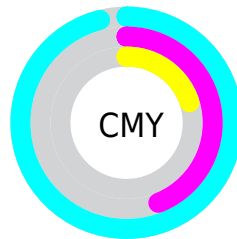
- Red (4%)
- Green (56%)
- Blue (80%)



- Red (4%)
- Yellow (35%)
- Blue (80%)



- Cyan (96%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (96%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0990CD 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 0990CD by changing the saturation by 10% instead.

 0990CD

 0990CD

FFFFFF

 0076B1

 65C6FF

 005E96

 85E2FF

 00467C

 A4FEFF

 003063

 C2FFFF

 001D4B

 E1FFFF

 000434

 00021E

 000000

 0990CD

 0990CD

■ 008DCD

■ 1D96CD

■ 329DCD

■ 46A3CD

■ 5BAACD

■ 6FB0CD

■ 84B6CD

■ 98BDCD

■ ADC3CD

■ C1C9CD

Harmonies

Analogous

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



0097BB



0990CD



7084CC

Triad

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



0990CD



CC6A75



619454

Complementary

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



0990CD



CD4609

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.



8A8C40



0990CD



C37355

Square

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



0990CD



C26C99



AB8041



259975

Rectangle

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



0990CD



957BC2



AB8041



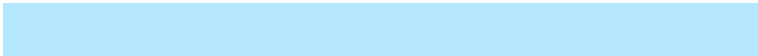
70924B

Sweetspot

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



0990CD



B5E8FF



09CD44



537280



000000



808080

Same Dimension

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



0990CD



00B0FF



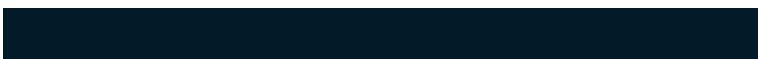
0930CD



5C6366



0072A6



001A26

Inverse Universe

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



CD0990



FF00B0



CDA609



665C63



A60072



26001A

Previews

White Background



This preview shows how the Hex color 0990CD looks on a white background.

Color Contrast Check

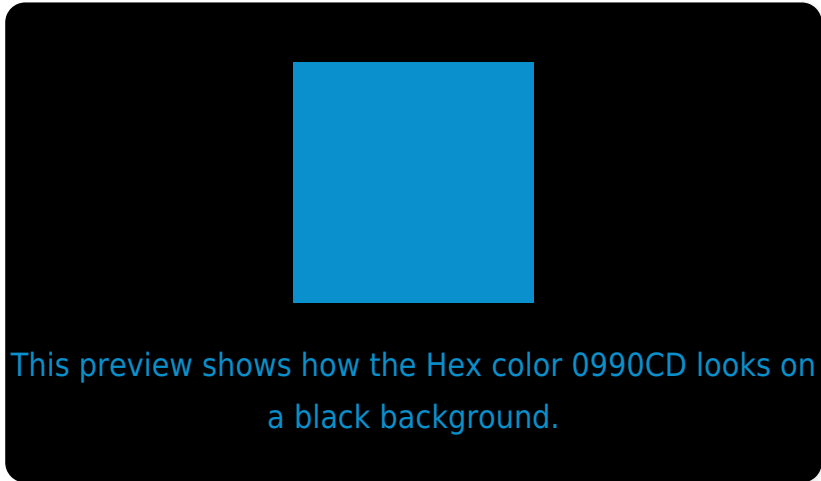
Large Text (above 18pt) WCAG AA ✓ Pass

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

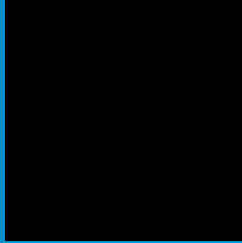
Any Text WCAG AA ✓ Pass

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 0990CD Background



This preview shows how black text looks on a background with the Hex color 0990CD.

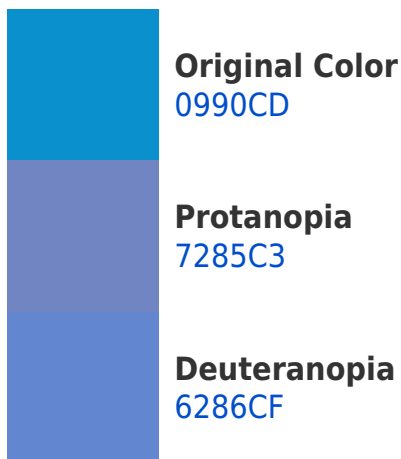


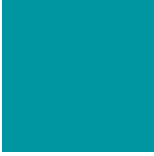
This preview shows how white text looks on a background with the Hex color 0990CD.

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](#).

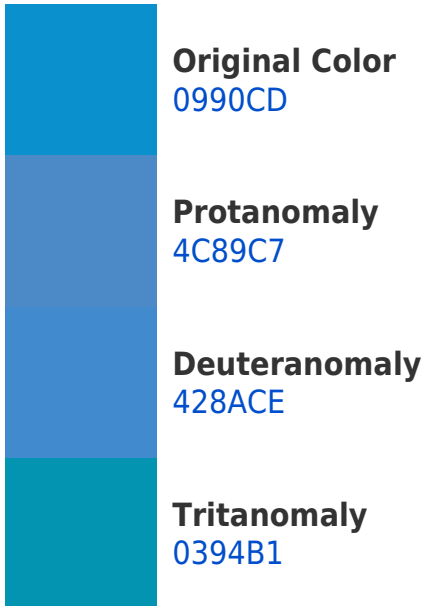
Dichromacy





Tritanopia
0096A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0990CD 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 #0990CD looks like.

```
.text, #text, p{  
    color:#0990CD  
}
```

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 #0990CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0990CD
}
```

Border

The CSS property to change the border of an element to Hex 0990CD 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
#0990CD }
```

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

```
.border{ border-color:#0990CD }
```

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

Here you see how a box with a 4 pixel #0990CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0990CD; -webkit-box-shadow:4px 4px  
4px 4px #0990CD; box-shadow:4px 4px 4px  
4px #0990CD }
```

Background

The CSS property to change the background color of an element to Hex 0990CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0990CD }
```

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

```
.background{ background-color:#0990CD }
```

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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