

# Converting Colors

Hex(0999DE)

Have a look what the booklet for  
Hex(0999DE) contains.

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# Color

**Hex(0999DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0999DE
RGB	9, 153, 222
RGB Percent	4%, 60%, 87%
CMY	0.9647, 0.4000, 0.1294
CMYK	0.96, 0.31, 0.00, 0.13
HSL	199°, 92%, 45%
HSV	199°, 96%, 87%
XYZ	24.6887, 28.1145, 73.2326
YIQ	117.8100, -107.9730, -9.0690

# Conversions

## Conversions Part 2

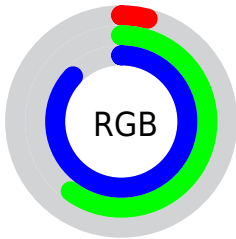
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	9, 95, 222
Decimal	629214
CIE Lab	59.99, -8.53, -44.21
CIE LCh	60, 45.025, 259.082
Yxy	28.1145, 0.1959, 0.2231
Android (android.graphics.Color)	4278819294 (0xFF0999DE)
YUV	117.8100, 51.3657, -95.4264
Hunter-Lab	53.0231, -9.6769, -44.7720

# Details

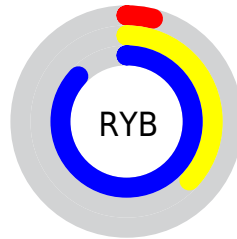
The Hex color **0999DE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DE4E09**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6ACFFF**, and **0066A6** is the 20% darker color. If you saturate the color by 10%, you get **0096DE**, and if you desaturate by 10%, it is **1FA0DE**.

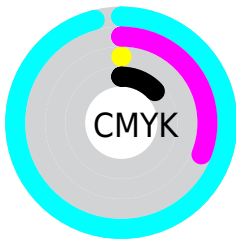
# Distribution



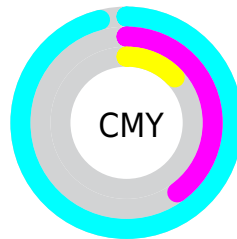
- Red (4%)
- Green (60%)
- Blue (87%)



- Red (4%)
- Yellow (37%)
- Blue (87%)



- Cyan (96%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (96%)
- Magenta (40%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0999DE 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 0999DE by changing the saturation by 10% instead.



 0999DE

 0999DE

FFFFFF

 007FC2

 6ACFFB

 0066A6

 8AEBFF

 004F8C

 AAFFFF

 003872

 C9FFFF

 002359

 E8FFFF

 000741

 00032A

 000114

 000000

■ 0999DE

■ 0999DE

■ 0096DE

■ 1FA0DE

■ 35A7DE

■ 4CAFDE

■ 62B6DE

■ 78BDDE

■ 8EC4DE

■ A4CBDE

■ BBD3DE

■ D1DADE

# Harmonies

## Analogous

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



00A1CC



0999DE



7C8CDB

# Triad

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



0999DE



DB7079



619F5B

# Complementary

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



0999DE



DE4E09

# 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.



8F9642



0999DE



D07B56

# Square

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



0999DE



D371A1



B48941



0CA480

# Rectangle

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



0999DE



A381CE



B48941



729D51

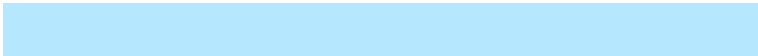


# Sweetspot

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



0999DE



B5E7FF



09DE4C



537180



000000



808080

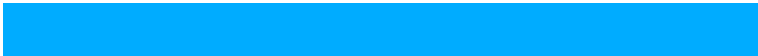


# Same Dimension

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



0999DE



00ACFF



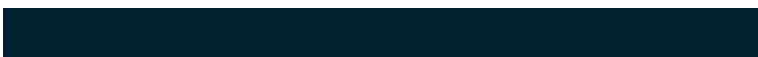
0930DE



656D70



0077B0



002130



# Inverse Universe

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



DE0999



FF00AC



DEB709



70656D



B00077



300021



# Previews

## White Background



This preview shows how the Hex color 0999DE looks on a white background.

## Color Contrast Check

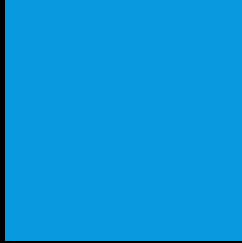
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0999DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

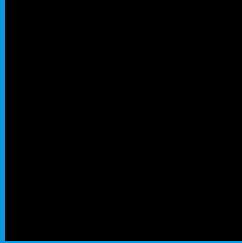
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0999DE Background



This preview shows how black text looks on a background with the Hex color 0999DE.

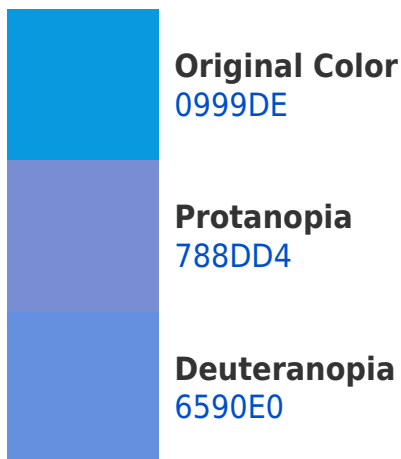


This preview shows how white text looks on a background with the Hex color 0999DE.

# 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](#).

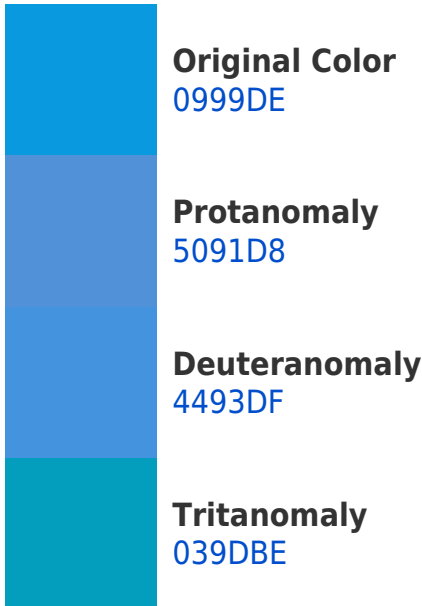
## Dichromacy





**Tritanopia**  
00A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0999DE 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 #0999DE looks like.

```
.text, #text, p{  
    color:#0999DE  
}
```

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 #0999DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0999DE
}
```

## Border

The CSS property to change the border of an element to Hex 0999DE 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
#0999DE }
```

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

```
.border{ border-color:#0999DE }
```

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

Here you see how a box with a 4 pixel #0999DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0999DE; -webkit-box-shadow:4px 4px  
4px 4px #0999DE; box-shadow:4px 4px 4px  
4px #0999DE }
```

# Background

The CSS property to change the background color of an element to Hex 0999DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0999DE }
```

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

```
.background{ background-color:#0999DE }
```

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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