

# Converting Colors

Hex(4099C6)

Have a look what the booklet for  
Hex(4099C6) contains.

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# Color

Hex(4099C6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4099C6
RGB	64, 153, 198
RGB Percent	25%, 60%, 78%
CMY	0.7490, 0.4000, 0.2235
CMYK	0.68, 0.23, 0.00, 0.22
HSL	200°, 54%, 51%
HSV	200°, 68%, 78%
XYZ	23.6986, 27.9497, 57.5719
YIQ	131.5190, -67.4890, -4.8730

# Conversions

## Conversions Part 2

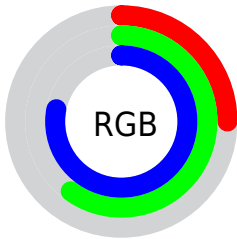
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	64, 117, 198
Decimal	4233670
CIE Lab	59.84, -12.21, -30.96
CIE LCh	60, 33.282, 248.479
Yxy	27.9497, 0.2170, 0.2559
Android (android.graphics.Color)	4282423750 (0xFF4099C6)
YUV	131.5190, 32.7751, -59.2142
Hunter-Lab	52.8674, -12.5027, -27.5587

# Details

The Hex color **4099C6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C66D40**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7ECFFF**, and **006690** is the 20% darker color. If you saturate the color by 10%, you get **2C92C6**, and if you desaturate by 10%, it is **54A0C6**.

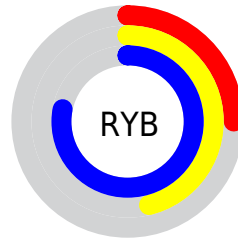
# Distribution



Red (25%)

Green (60%)

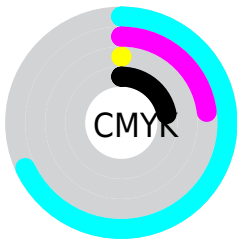
Blue (78%)



Red (25%)

Yellow (46%)

Blue (78%)

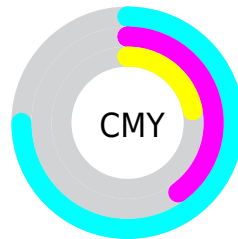


Cyan (68%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (75%)

Magenta (40%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4099C6 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 4099C6 by changing the saturation by 10% instead.



■ 4099C6

■ 4099C6

FFFFFF

■ 167FAB

■ 7ECFF

■ 006690

■ 9BECFF

■ 004E76

■ B9FFFF

■ 00375D

■ D7FFFF

■ 002245

■ F5FFFF

■ 00042F

■ 000119

■ 000000

■ 4099C6

■ 4099C6

■ 2C92C6

■ 54A0C6

■ 188CC6

■ 68A6C6

■ 0585C6

■ 7BADC6

■ 0084C6

■ 8FB4C6

■ A3BAC6

■ B7C1C6

■ CBC8C6

■ DECEC6

■ F2D5C6

# Harmonies

## Analogous

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



119EB4



4099C6



7390CA

# Triad

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



4099C6



C97989



7C9961

# Complementary

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



4099C6



C66D40

# 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.



9B9155



4099C6



C67E6D

# Square

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



4099C6



BC7CA6



B5875A



579E7A

# Rectangle

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



4099C6



9189C4



B5875A



87975C

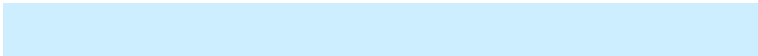


# Sweetspot

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



4099C6



CCEEFF



40C66D



617580



000000



808080



# Same Dimension

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



4099C6



30BAFF



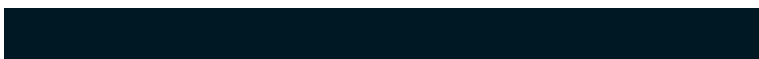
4056C6



5A6063



006CA3



001824



# Inverse Universe

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



C64099



FF30BA



C6B040



635A60



A3006C



240018



# Previews

## White Background



This preview shows how the Hex color 4099C6 looks on a white background.

## Color Contrast Check

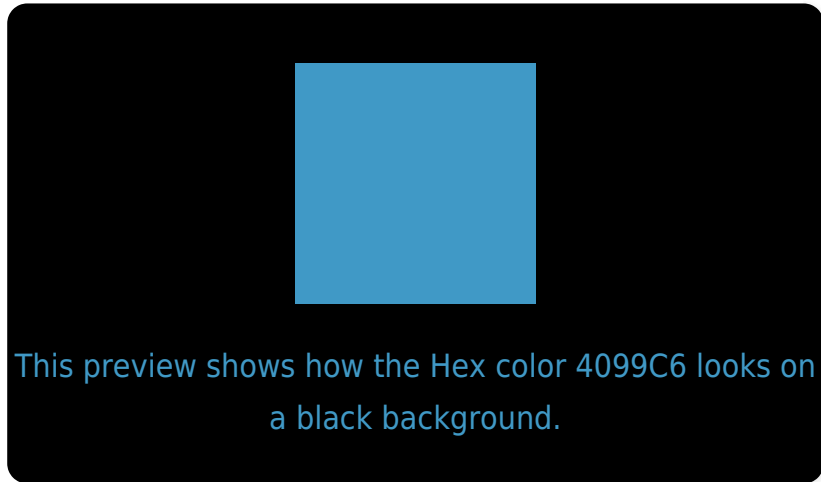
Large Text (above 18pt) WCAG AA ✓ Pass

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

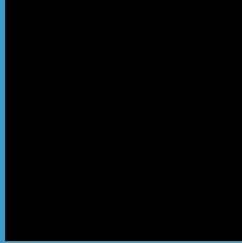
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4099C6 Background



This preview shows how black text looks on a background with the Hex color 4099C6.



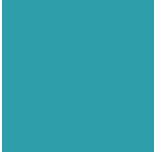
This preview shows how white text looks on a background with the Hex color 4099C6.

# 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](#).

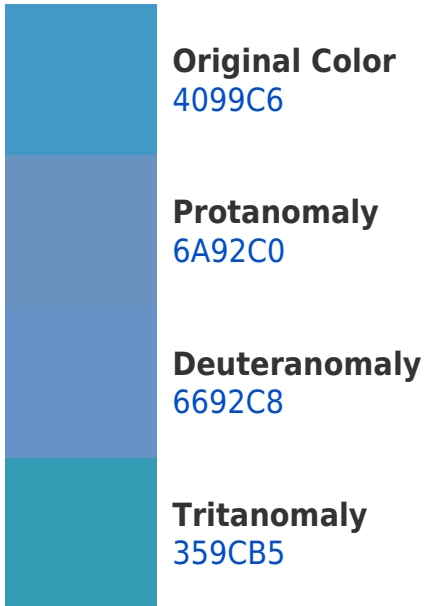
## Dichromacy





**Tritanopia**  
2F9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4099C6 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 #4099C6 looks like.

```
.text, #text, p{  
    color:#4099C6  
}
```

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 #4099C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4099C6
}
```

## Border

The CSS property to change the border of an element to Hex 4099C6 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
#4099C6 }
```

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

```
.border{ border-color:#4099C6 }
```

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

Here you see how a box with a 4 pixel #4099C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4099C6; -webkit-box-shadow:4px 4px  
4px 4px #4099C6; box-shadow:4px 4px 4px  
4px #4099C6 }
```

# Background

The CSS property to change the background color of an element to Hex 4099C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4099C6 }
```

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

```
.background{ background-color:#4099C6 }
```

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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