

# Converting Colors

Hex(4997CE)

Have a look what the booklet for  
Hex(4997CE) contains.

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# Color

**Hex(4997CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4997CE
RGB	73, 151, 206
RGB Percent	29%, 59%, 81%
CMY	0.7137, 0.4078, 0.1922
CMYK	0.65, 0.27, 0.00, 0.19
HSL	205°, 58%, 55%
HSV	205°, 65%, 81%
XYZ	24.9548, 28.0059, 62.4829
YIQ	133.9480, -64.1430, 0.5690

# Conversions

## Conversions Part 2

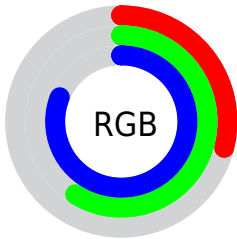
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 122, 206
Decimal	4822990
CIE <sub>Lab</sub>	59.89, -6.96, -35.35
CIE <sub>LCh</sub>	60, 36.027, 258.856
Yxy	28.0059, 0.2162, 0.2426
Android (android.graphics.Color)	4283013070 (0xFF4997CE)
YUV	133.9480, 35.5216, -53.4514
Hunter-Lab	52.9206, -8.4390, -32.9588

# Details

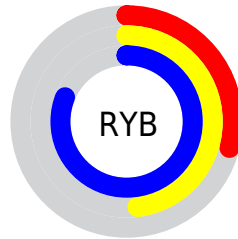
The Hex color `4997CE` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `CE8049`, and the grayscale version is `868686`.

A 20% lighter version of the original color is `86CDFF`, and `006497` is the 20% darker color. If you saturate the color by 10%, you get `348ECE`, and if you desaturate by 10%, it is `5EA0CE`.

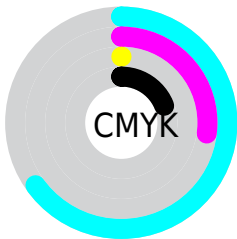
# Distribution



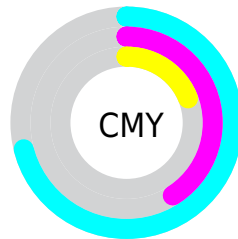
- Red (29%)
- Green (59%)
- Blue (81%)



- Red (29%)
- Yellow (48%)
- Blue (81%)



- Cyan (65%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)



- Cyan (71%)
- Magenta (41%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4997CE 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 4997CE by changing the saturation by 10% instead.



■ 4997CE

■ 4997CE

FFFFFF

■ 247DB2

■ 86CDFF

■ 006497

■ A3E9FF

■ 004D7D

■ C0FFFF

■ 003664

■ DEFFFF

■ 00214C

■ FCFFFF

■ 000535

■ 00021F

■ 000002

■ 000000

■ 4997CE

■ 4997CE

■ 348ECE

■ 5EA0CE

■ 2086CE

■ 72A8CE

■ 0B7DCE

■ 87B1CE

■ 0079CE

■ 9BB9CE

■ B0C2CE

■ C5CACE

■ D9D3CE

■ EEDBCE

■ FFE4CE

# Harmonies

## Analogous

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



009EBF



4997CE



828CCC

# Triad

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



4997CE



CE787D



6C9C65

# Complementary

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



4997CE



CE8049

# 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.



919553



4997CE



C57F62

# Square

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



4997CE



C6789E



AF8A52



41A083

# Rectangle

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



4997CE



A085C2



AF8A52



799A5E

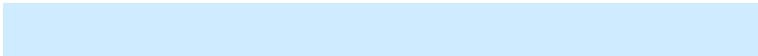


# Sweetspot

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



4997CE



CFEBFF



49CE7E



627380



000000



808080



# Same Dimension

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



4997CE



3BAEFF



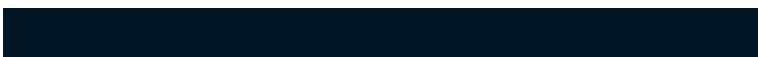
4956CE



5C6266



0061A6



001626



# Inverse Universe

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



CE4997



FF3BAE



CEC149



665C62



A60061



260016



# Previews

## White Background



This preview shows how the Hex color 4997CE looks on a white background.

## Color Contrast Check

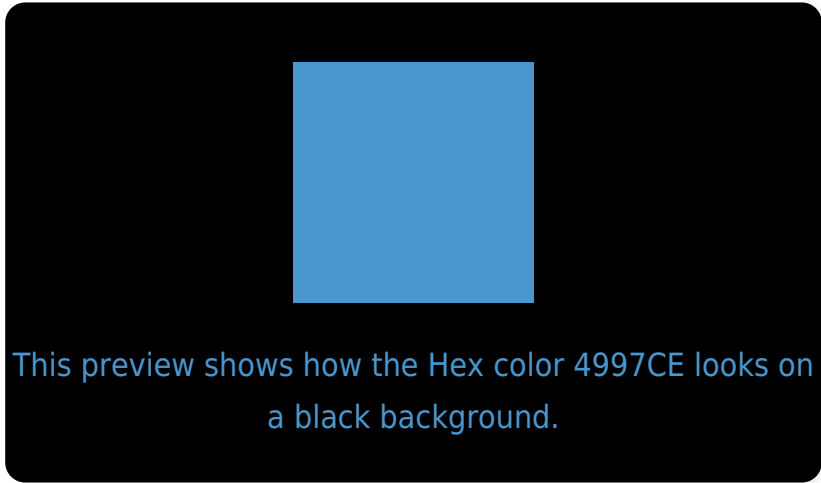
Large Text (above 18pt) WCAG AA ✓ Pass

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

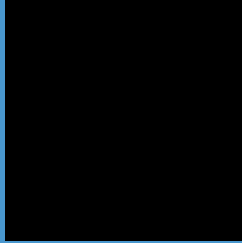
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

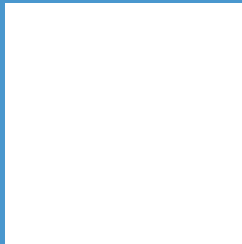
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4997CE Background



This preview shows how black text looks on a background with the Hex color 4997CE.

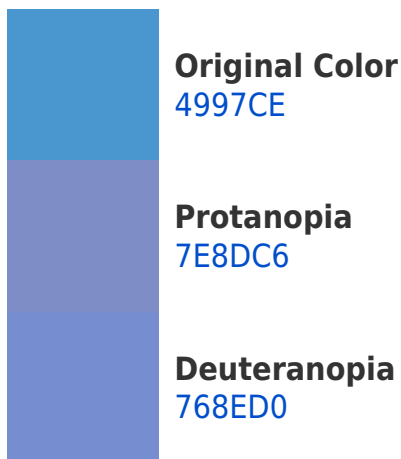


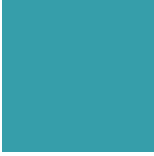
This preview shows how white text looks on a background with the Hex color 4997CE.

# 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](#).

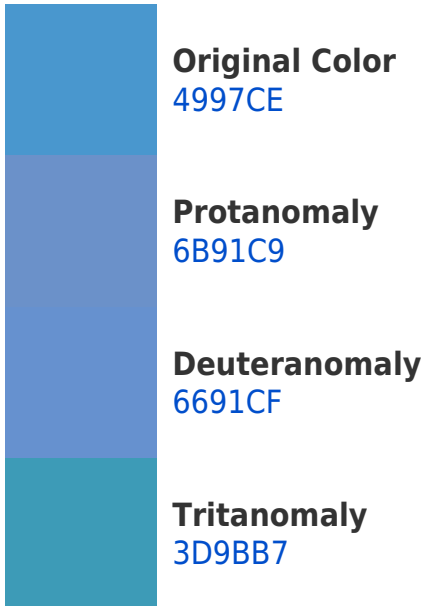
## Dichromacy



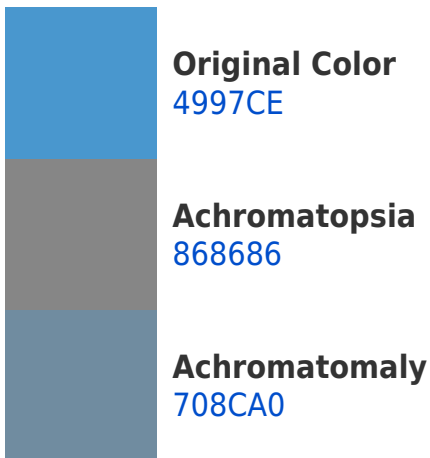


**Tritanopia**  
369EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4997CE 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 #4997CE looks like.

```
.text, #text, p{  
    color:#4997CE  
}
```

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 #4997CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4997CE
}
```

## Border

The CSS property to change the border of an element to Hex 4997CE 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
#4997CE }
```

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

```
.border{ border-color:#4997CE }
```

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

Here you see how a box with a 4 pixel #4997CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4997CE; -webkit-box-shadow:4px 4px  
4px 4px #4997CE; box-shadow:4px 4px 4px  
4px #4997CE }
```

# Background

The CSS property to change the background color of an element to Hex 4997CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4997CE }
```

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

```
.background{ background-color:#4997CE }
```

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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