

# Converting Colors

Hex(4985DD)

Have a look what the booklet for  
Hex(4985DD) contains.

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# Color

**Hex(4985DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4985DD
RGB	73, 133, 221
RGB Percent	29%, 52%, 87%
CMY	0.7137, 0.4784, 0.1333
CMYK	0.67, 0.40, 0.00, 0.13
HSL	216°, 69%, 58%
HSV	216°, 67%, 87%
XYZ	24.1863, 23.4120, 71.6508
YIQ	125.0920, -64.0080, 14.6480

# Conversions

## Conversions Part 2

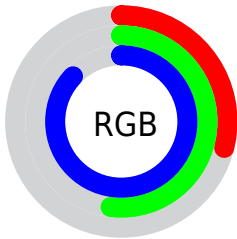
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 116, 221
Decimal	4818397
CIE <sub>Lab</sub>	55.49, 8.68, -50.69
CIE <sub>LCh</sub>	55, 51.432, 279.717
Yxy	23.4120, 0.2028, 0.1963
Android (android.graphics.Color)	4283008477 (0xFF4985DD)
YUV	125.0920, 47.2826, -45.6847
Hunter-Lab	48.3859, 4.5501, -53.9276

# Details

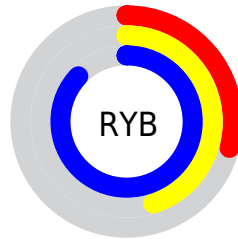
The Hex color **4985DD** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **DDA149**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **88BAFF**, and **0054A5** is the 20% darker color. If you saturate the color by 10%, you get **3378DD**, and if you desaturate by 10%, it is **5F92DD**.

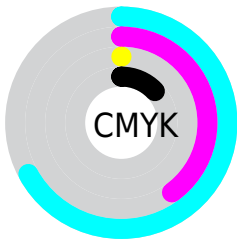
# Distribution



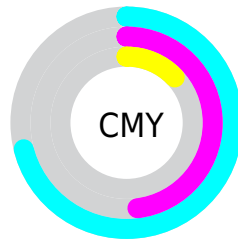
- Red (29%)
- Green (52%)
- Blue (87%)



- Red (29%)
- Yellow (45%)
- Blue (87%)



- Cyan (67%)
- Magenta (40%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (48%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4985DD 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 4985DD by changing the saturation by 10% instead.



■ 4985DD

■ 4985DD

FFFFFF

■ 216CC1

■ 88BAFF

■ 0054A5

■ A5D5FF

■ 003E8B

■ C3F1FF

■ 002971

■ E1FFFF

■ 001557

■ 00073F

■ 000329

■ 000112

■ 000000

■ 4985DD

■ 4985DD

■ 3378DD

■ 5F92DD

■ 1D6BDD

■ 759FDD

■ 075EDD

■ 8BACDD

■ 005ADD

■ A1BADD

■ B8C7DD

■ CED4DD

■ E4E1DD

■ FAEEDD

■ FFFBDD

# Harmonies

## Analogous

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



0092D8



4985DD



9A73CA

# Triad

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



4985DD



CF664E



009964

# Complementary

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



4985DD



DDA149

# 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.



5F923C



4985DD



B6782E

# Square

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



4985DD



D75C78



8F8725



009B93

# Rectangle

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



4985DD



BB67B3



8F8725



309756



# Sweetspot

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



4985DD



CCE1FF



49DD9F



616D80



000000



808080



# Same Dimension

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



4985DD



3386FF



5549DD



63676E



0046AD



00132E



# Inverse Universe

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



DD4985



FF3386



D1DD49



6E6367



AD0046

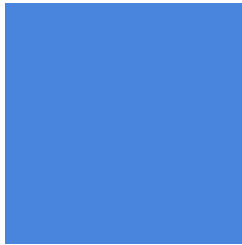


2E0013



# Previews

## White Background



This preview shows how the Hex color 4985DD looks on a white background.

## Color Contrast Check

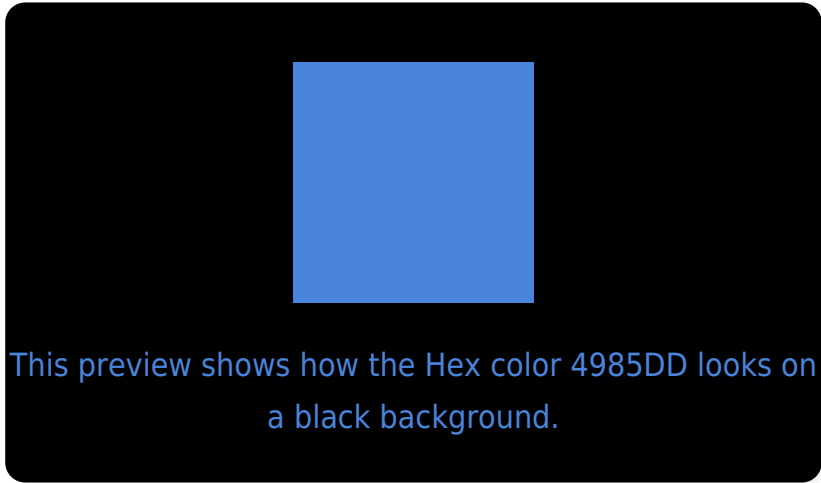
Large Text (above 18pt) WCAG AA ✓ Pass

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

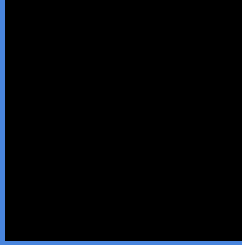
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

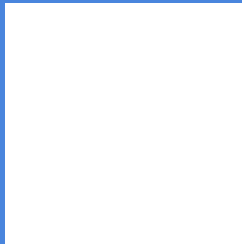
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4985DD Background



This preview shows how black text looks on a background with the Hex color 4985DD.

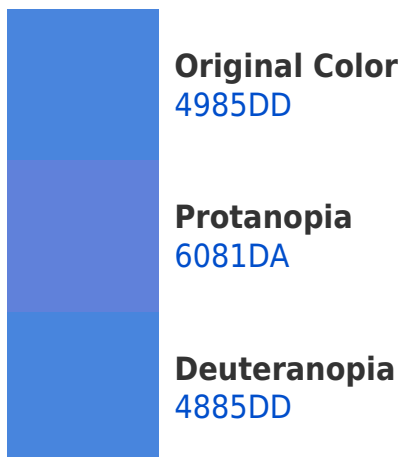


This preview shows how white text looks on a background with the Hex color 4985DD.

# 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](#).

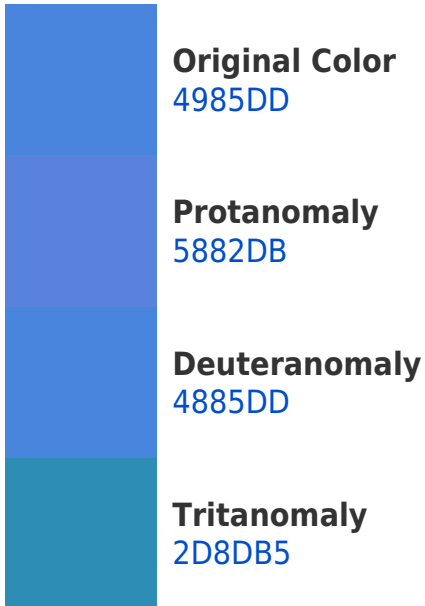
## Dichromacy



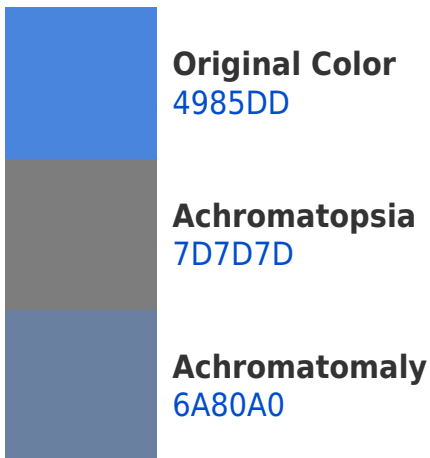


**Tritanopia**  
1D929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4985DD 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 #4985DD looks like.

```
.text, #text, p{  
    color:#4985DD  
}
```

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 #4985DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4985DD
}
```

## Border

The CSS property to change the border of an element to Hex 4985DD 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
#4985DD }
```

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

```
.border{ border-color:#4985DD }
```

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

Here you see how a box with a 4 pixel #4985DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4985DD; -webkit-box-shadow:4px 4px  
4px 4px #4985DD; box-shadow:4px 4px 4px  
4px #4985DD }
```

# Background

The CSS property to change the background color of an element to Hex 4985DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4985DD }
```

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

```
.background{ background-color:#4985DD }
```

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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