

# Converting Colors

Hex(4895D8)

Have a look what the booklet for  
Hex(4895D8) contains.

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# Color

**Hex(4895D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4895D8
RGB	72, 149, 216
RGB Percent	28%, 58%, 85%
CMY	0.7176, 0.4157, 0.1529
CMYK	0.67, 0.31, 0.00, 0.15
HSL	208°, 65%, 56%
HSV	208°, 67%, 85%
XYZ	25.8146, 27.8305, 68.9770
YIQ	133.6150, -67.3990, 4.5130

# Conversions

## Conversions Part 2

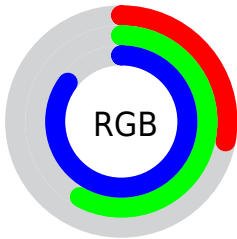
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">72, 122, 216</a>
Decimal	<a href="#">4756952</a>
CIELab	<a href="#">59.74, -2.64, -41.19</a>
CIELCh	<a href="#">60, 41.276, 266.328</a>
Yxy	<a href="#">27.8305, 0.2105, 0.2270</a>
Android (android.graphics.Color)	<a href="#">4282947032 (0xFF4895D8)</a>
YUV	<a href="#">133.6150, 40.6158, -54.0364</a>
Hunter-Lab	<a href="#">52.7546, -4.9745, -40.5939</a>

# Details

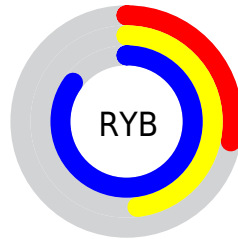
The Hex color **4895D8** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D88B48**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **86CBFF**, and **0063A1** is the 20% darker color. If you saturate the color by 10%, you get **328BD8**, and if you desaturate by 10%, it is **5E9FD8**.

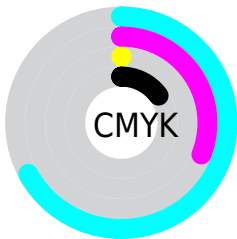
# Distribution



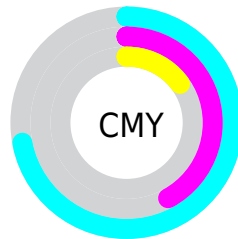
- Red (28%)
- Green (58%)
- Blue (85%)



- Red (28%)
- Yellow (48%)
- Blue (85%)



- Cyan (67%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (72%)
- Magenta (42%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4895D8 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 4895D8 by changing the saturation by 10% instead.



 4895D8

 4895D8

FFFFFF

 217BBC

 86CBFF

 0063A1

 A4E7FF

 004B86

 C2FFFF

 00356D

 E0FFFF

 002054

FEFFFF

 00063C

 000226

 00010F

 000000

■ 4895D8

■ 4895D8

■ 328BD8

■ 5E9FD8

■ 1D81D8

■ 73A9D8

■ 0777D8

■ 89B3D8

■ 0074D8

■ 9EBDD8

■ B4C7D8

■ CAD1D8

■ DFDBD8

■ F5E5D8

■ FFEFD8

# Harmonies

## Analogous

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



009ECB



4895D8



8C88D1

# Triad

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



4895D8



D47572



5A9F66

# Complementary

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



4895D8



D88B48

# 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.



86974D



4895D8



C67F54

# Square

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



4895D8



D17296



AA8C46



07A28A

# Rectangle

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



4895D8



AC7FC2



AA8C46



6A9D5C

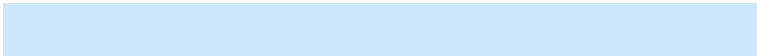


# Sweetspot

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



4895D8



CCE7FF



48D889



617180



000000



808080



# Same Dimension

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



4895D8



33A0FF



484FD8



60666B



005BAB



00172B



# Inverse Universe

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



D84895



FF33A0



D8D148



6B6066



AB005B



2B0017



# Previews

## White Background



This preview shows how the Hex color 4895D8 looks on a white background.

## Color Contrast Check

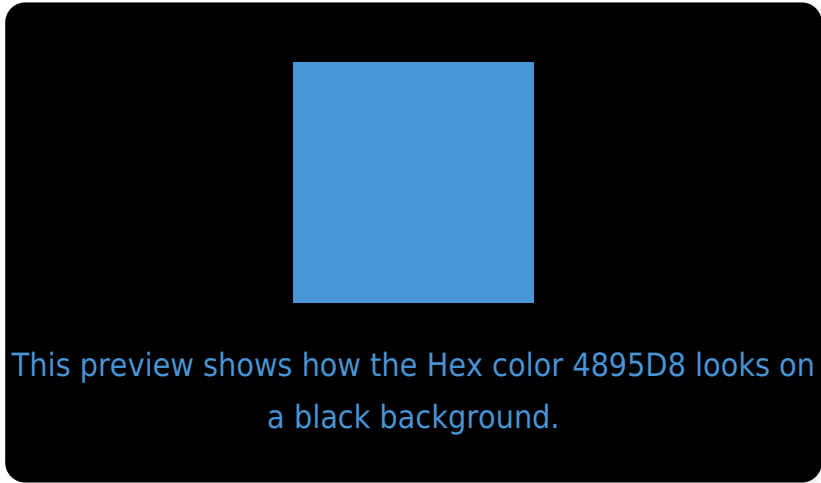
Large Text (above 18pt) WCAG AA ✓ Pass

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

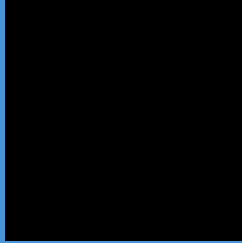
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4895D8 Background



This preview shows how black text looks on a background with the Hex color 4895D8.

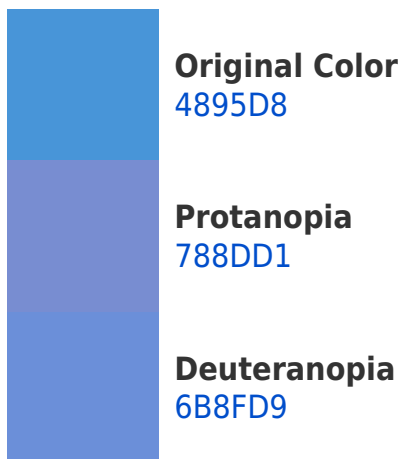


This preview shows how white text looks on a background with the Hex color 4895D8.

# 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](#).

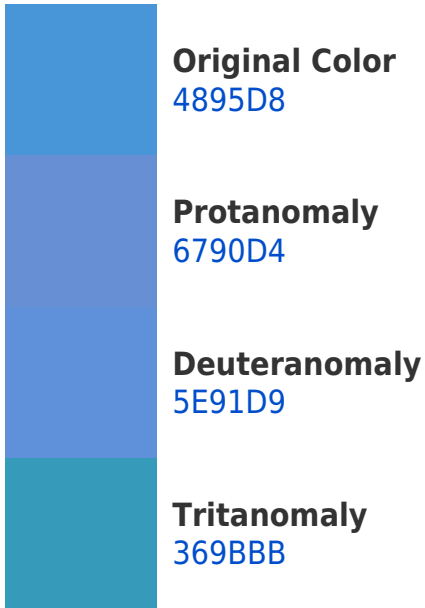
## Dichromacy



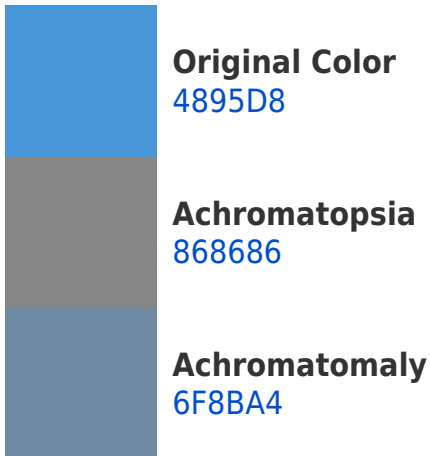


**Tritanopia**  
2C9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4895D8 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 #4895D8 looks like.

```
.text, #text, p{  
    color:#4895D8  
}
```

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 #4895D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4895D8
}
```

## Border

The CSS property to change the border of an element to Hex 4895D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

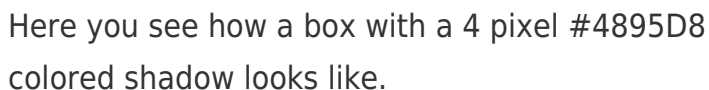
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4895D8 }
```

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

```
.border{ border-color:#4895D8 }
```

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



Here you see how a box with a 4 pixel #4895D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4895D8; -webkit-box-shadow:4px 4px  
4px 4px #4895D8; box-shadow:4px 4px 4px  
4px #4895D8 }
```

# Background

The CSS property to change the background color of an element to Hex 4895D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4895D8 }
```

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

```
.background{ background-color:#4895D8 }
```

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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