

Converting Colors

Hex(4593CD)

Have a look what the booklet for
Hex(4593CD) contains.

Hex(4593CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4593CD)

Conversions

Conversions Part 1

Format	Color
Hex	4593CD
RGB	69, 147, 205
RGB Percent	27%, 58%, 80%
CMY	0.7294, 0.4235, 0.1961
CMYK	0.66, 0.28, 0.00, 0.20
HSL	206°, 58%, 54%
HSV	206°, 66%, 80%
XYZ	23.9074, 26.5404, 61.6204
YIQ	130.2900, -65.1060, 1.5020

Conversions

Conversions Part 2

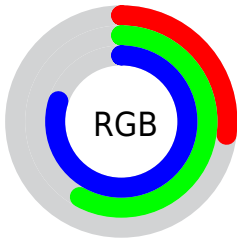
Format	Color
R_{YB}	69, 119, 205
Decimal	4559821
CIE Lab	58.55, -5.70, -36.90
CIE LCh	59, 37.340, 261.222
Yxy	26.5404, 0.2133, 0.2368
Android (android.graphics.Color)	4282749901 (0xFF4593CD)
YUV	130.2900, 36.8320, -53.7513
Hunter-Lab	51.5174, -7.3199, -34.8551

Details

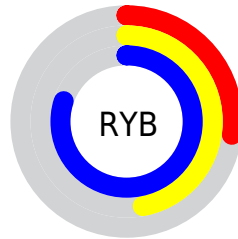
The Hex color **4593CD** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CD7F45**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **82C9FF**, and **006196** is the 20% darker color. If you saturate the color by 10%, you get **308ACD**, and if you desaturate by 10%, it is **599CCD**.

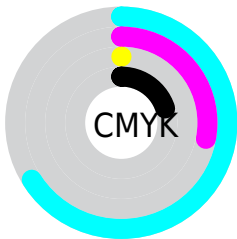
Distribution



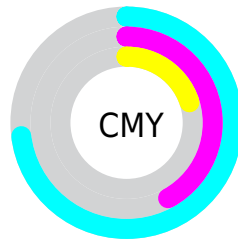
- Red (27%)
- Green (58%)
- Blue (80%)



- Red (27%)
- Yellow (47%)
- Blue (80%)



- Cyan (66%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (73%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4593CD 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 4593CD by changing the saturation by 10% instead.

■ 4593CD

■ 4593CD

FFFFFF

■ 1E79B1

■ 82C9FF

■ 006196

■ A0E5FF

■ 00497C

■ BDFFFF

■ 003363

■ DBFFFF

■ 001E4B

■ F9FFFF

■ 000434

■ 00021E

■ 000000

■ 4593CD

■ 4593CD

■ 308ACD

■ 599CCD

■ 1C82CD

■ 6EA4CD

■ 0779CD

■ 83ADCD

■ 0076CD

■ 97B6CD

■ ABBFCD

■ C0C7CD

■ D4D0CD

■ E9D9CD

■ FDE2CD

Harmonies

Analogous

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



009ABF



4593CD



8188CA

Triad

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



4593CD



CC7477



649963

Complementary

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



4593CD



CD7F45

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.



8A924E



4593CD



C17C5B

Square

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



4593CD



C57398



AA884C



339D82

Rectangle

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



4593CD



A080BE



AA884C



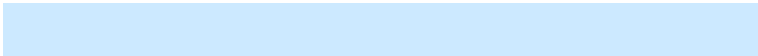
72975A

Sweetspot

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



4593CD



CCE9FF



45CD7E



617280



000000



808080

Same Dimension

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



4593CD



33A8FF



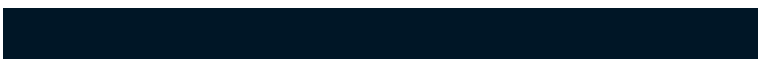
4550CD



5C6266



005FA6



001626

Inverse Universe

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



CD4593



FF33A8



CDC245



665C62



A6005F



260016

Previews

White Background



This preview shows how the Hex color 4593CD looks on a white background.

Color Contrast Check

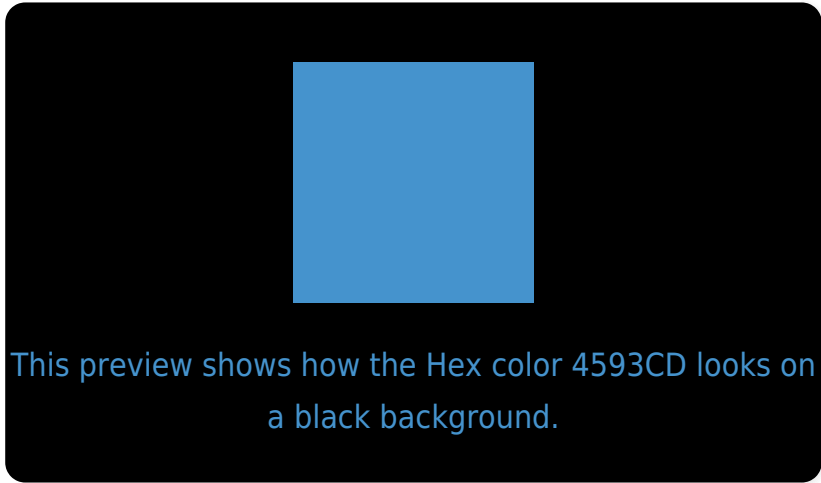
Large Text (above 18pt) WCAG AA ✓ Pass

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

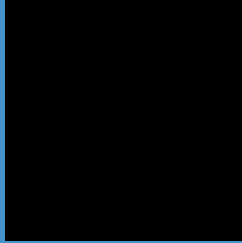
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

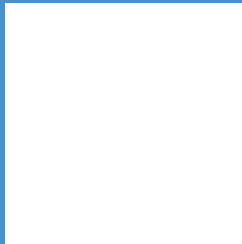
Any Text WCAG AAA × Fail

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

Hex 4593CD Background



This preview shows how black text looks on a background with the Hex color 4593CD.

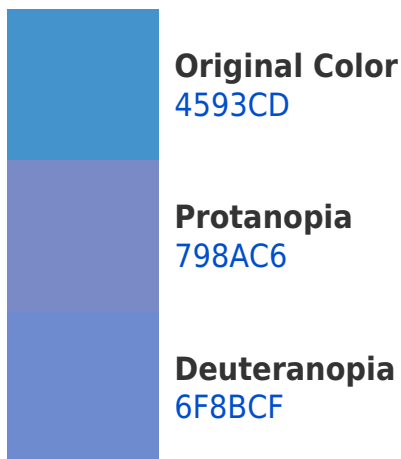


This preview shows how white text looks on a background with the Hex color 4593CD.

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](#).

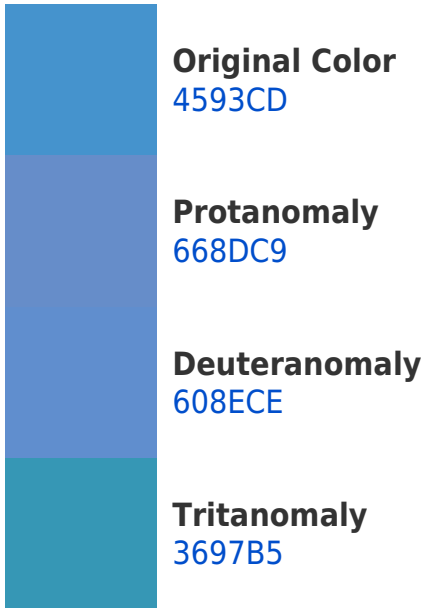
Dichromacy



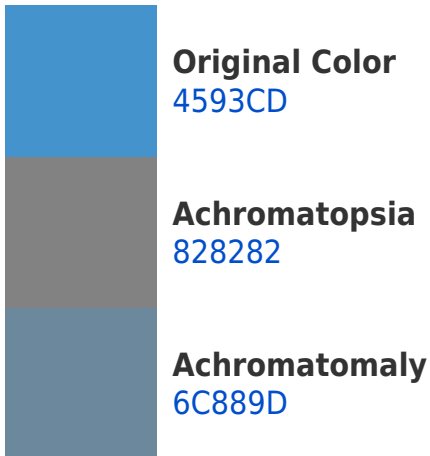


Tritanopia
2E9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4593CD 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 #4593CD looks like.

```
.text, #text, p{  
    color:#4593CD  
}
```

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 #4593CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4593CD
}
```

Border

The CSS property to change the border of an element to Hex 4593CD 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
#4593CD }
```

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

```
.border{ border-color:#4593CD }
```

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

Here you see how a box with a 4 pixel #4593CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4593CD; -webkit-box-shadow:4px 4px  
4px 4px #4593CD; box-shadow:4px 4px 4px  
4px #4593CD }
```

Background

The CSS property to change the background color of an element to Hex 4593CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4593CD }
```

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

```
.background{ background-color:#4593CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor