

Converting Colors

Hex(5693CB)

Have a look what the booklet for
Hex(5693CB) contains.

Hex(5693CB)	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(5693CB)

Conversions

Conversions Part 1

Format	Color
Hex	5693CB
RGB	86, 147, 203
RGB Percent	34%, 58%, 80%
CMY	0.6627, 0.4235, 0.2039
CMYK	0.58, 0.28, 0.00, 0.20
HSL	209°, 53%, 57%
HSV	209°, 58%, 80%
XYZ	25.0510, 27.1577, 60.4215
YIQ	135.1450, -54.3320, 4.4840

Conversions

Conversions Part 2

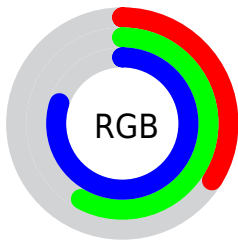
Format	Color
R_{YB}	86, 126, 203
Decimal	5673931
CIE _{Lab}	59.12, -3.22, -34.83
CIE _{LCh}	59, 34.983, 264.725
Yxy	27.1577, 0.2224, 0.2411
Android (android.graphics.Color)	4283864011 (0xFF5693CB)
YUV	135.1450, 33.4525, -43.1002
Hunter-Lab	52.1130, -5.3920, -32.2637

Details

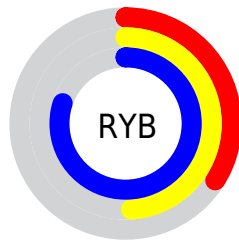
The Hex color **5693CB** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CB8E56**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **90C9FF**, and **0C6195** is the 20% darker color. If you saturate the color by 10%, you get **4289CB**, and if you desaturate by 10%, it is **6A9DCB**.

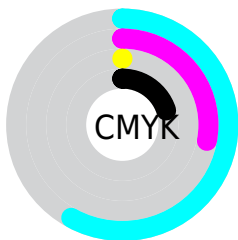
Distribution



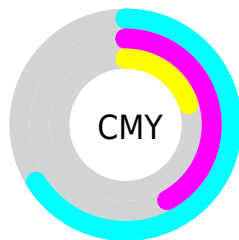
- Red (34%)
- Green (58%)
- Blue (80%)



- Red (34%)
- Yellow (49%)
- Blue (80%)



- Cyan (58%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5693CB 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 5693CB by changing the saturation by 10% instead.

 5693CB

 5693CB

FFFFFF

 3779AF

 90C9FF

 0C6195

 ACE5FF

 00497B

 CAFFFF

 003361

 E7FFFF

 001E49

 000433

 00021D

 000000

 5693CB

 5693CB

■ 4289CB

■ 6A9DCB

■ 2D80CB

■ 7FA6CB

■ 1976CB

■ 93B0CB

■ 056CCB

■ A7BACB

■ 006ACB

■ BCC4CB

■ D0CDCB

■ E4D7CB

■ F8E1CB

■ FFEACB

Harmonies

Analogous

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



0D9BC0



5693CB



8A88C6

Triad

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



5693CB



C97876



649B6A

Complementary

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



5693CB



CB8E56

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.



889455



5693CB



BE805D

Square

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



5693CB



C57795



A78B51



399E88

Rectangle

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



5693CB



A581BA



A78B51



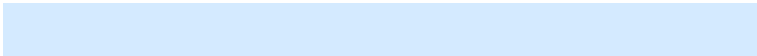
719962

Sweetspot

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



5693CB



D4EAFF



56CB8D



667380



000000



808080

Same Dimension

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



5693CB



4FABFF



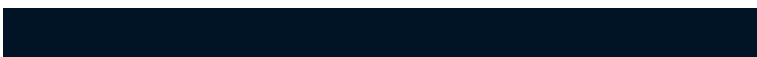
565ACB



5C6166



0056A6



001426

Inverse Universe

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



CB5693



FF4FAB



CBC756



665C61



A60056



260014

Previews

White Background



This preview shows how the Hex color 5693CB looks on a white background.

Color Contrast Check

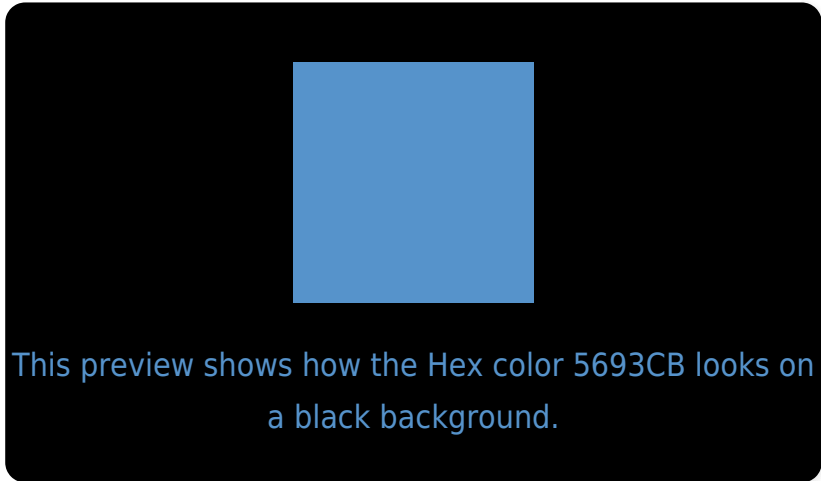
Large Text (above 18pt) WCAG AA ✓ Pass

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 5693CB Background



This preview shows how black text looks on a background with the Hex color 5693CB.

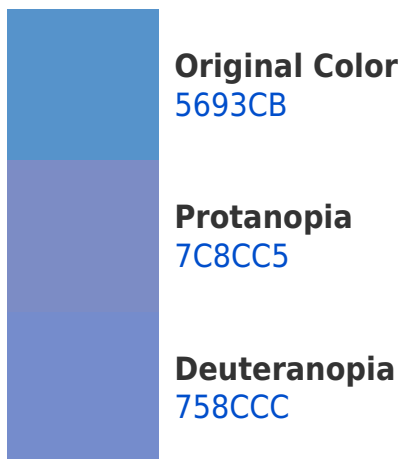


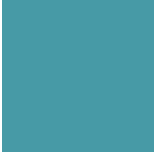
This preview shows how white text looks on a background with the Hex color 5693CB.

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](#).

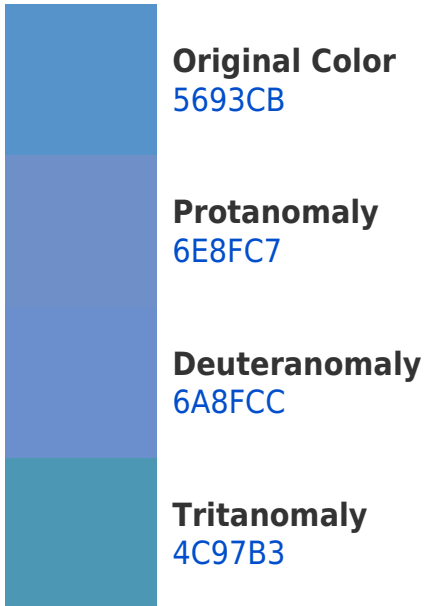
Dichromacy



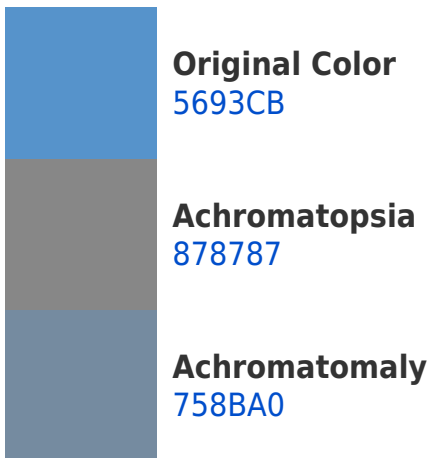


Tritanopia
479AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5693CB 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 #5693CB looks like.

```
.text, #text, p{  
    color:#5693CB  
}
```

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 #5693CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5693CB
}
```

Border

The CSS property to change the border of an element to Hex 5693CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

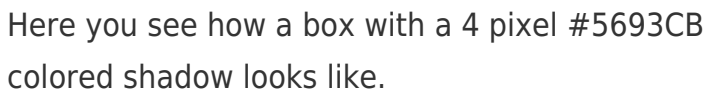
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5693CB }
```

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

```
.border{ border-color:#5693CB }
```

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



Here you see how a box with a 4 pixel #5693CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5693CB; -webkit-box-shadow:4px 4px  
4px 4px #5693CB; box-shadow:4px 4px 4px  
4px #5693CB }
```

Background

The CSS property to change the background color of an element to Hex 5693CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5693CB }
```

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

```
.background{ background-color:#5693CB }
```

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