

Converting Colors

Hex(6C93CE)

Have a look what the booklet for
Hex(6C93CE) contains.

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Color

Hex(6C93CE)

Conversions

Conversions Part 1

Format	Color
Hex	6C93CE
RGB	108, 147, 206
RGB Percent	42%, 58%, 81%
CMY	0.5765, 0.4235, 0.1922
CMYK	0.48, 0.29, 0.00, 0.19
HSL	216°, 50%, 62%
HSV	216°, 48%, 81%
XYZ	27.7586, 28.5118, 62.4328
YIQ	142.0650, -42.1830, 10.0810

Conversions

Conversions Part 2

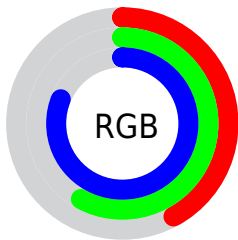
Format	Color
R_{YB}	108, 136, 206
Decimal	7115726
CIE _{Lab}	60.35, 2.65, -34.52
CIE _{LCh}	60, 34.622, 274.384
Yxy	28.5118, 0.2338, 0.2402
Android (android.graphics.Color)	4285305806 (0xFF6C93CE)
YUV	142.0650, 31.5200, -29.8750
Hunter-Lab	53.3965, -0.6489, -31.9462

Details

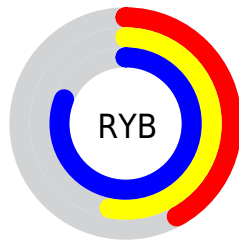
The Hex color **6C93CE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CEA76C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A4C9FF**, and **336197** is the 20% darker color. If you saturate the color by 10%, you get **5787CE**, and if you desaturate by 10%, it is **819FCE**.

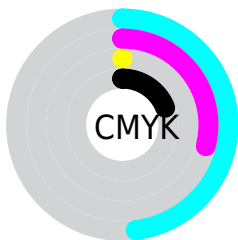
Distribution



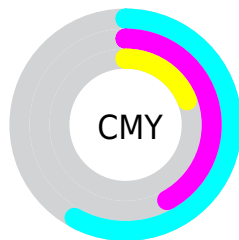
- Red (42%)
- Green (58%)
- Blue (81%)



- Red (42%)
- Yellow (53%)
- Blue (81%)



- Cyan (48%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C93CE 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 6C93CE by changing the saturation by 10% instead.

■ 6C93CE

■ 6C93CE

FFFFFF

■ 5079B2

■ A4C9FF

■ 336197

■ C0E5FF

■ 0F497D

■ DDFFFF

■ 003364

■ FBFFFF

■ 001E4C

■ 000435

■ 00021F

■ 000002

■ 000000

■ 6C93CE

■ 6C93CE

■ 5787CE

■ 819FCE

■ 437ACE

■ 95ACCE

■ 2E6ECE

■ AAB8CE

■ 1A61CE

■ BEC5CE

■ 0555CE

■ D3D1CE

■ 0052CE

■ E8DDCE

■ FCEACE

■ FFF6CE

■ FFFFCE

Harmonies

Analogous

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



329CC8



6C93CE



9B88C4

Triad

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



6C93CE



CA7D71



5B9F76

Complementary

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



6C93CE



CEA76C

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.



819A5E



6C93CE



BB875B

Square

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



6C93CE



CC798E



A19154



2EA295

Rectangle

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



6C93CE



B281B5



A19154



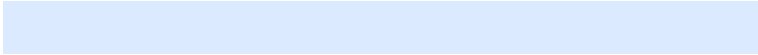
689E6D

Sweetspot

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



6C93CE



DBEAFF



6CCEA7



6A7280



000000



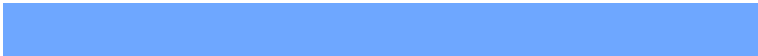
808080

Same Dimension

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



6C93CE



6EA7FF



766CCE



5C6066



0042A6



000F26

Inverse Universe

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



CE6C93



FF6EA7



C4CE6C



665C60



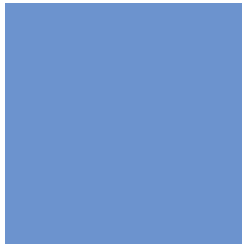
A60042



26000F

Previews

White Background



This preview shows how the Hex color 6C93CE looks on a white background.

Color Contrast Check

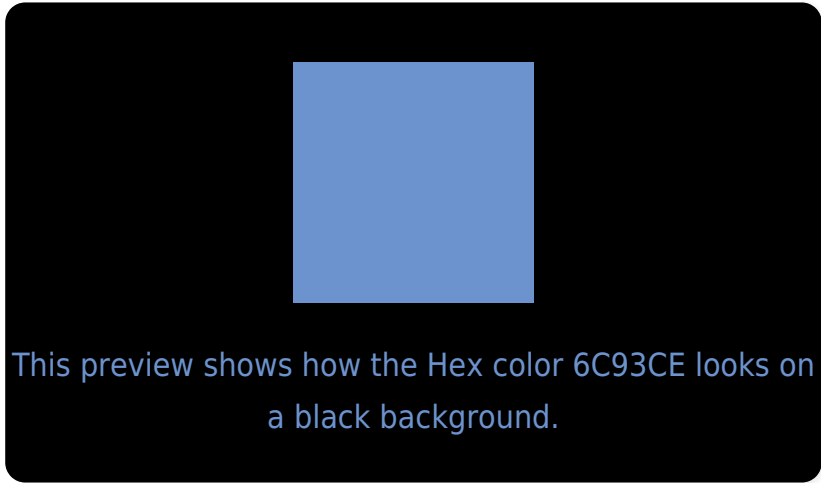
Large Text (above 18pt) WCAG AA ✓ Pass

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

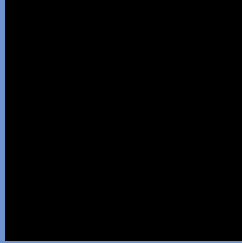
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

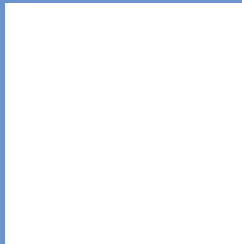
Any Text WCAG AAA × Fail

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

Hex 6C93CE Background



This preview shows how black text looks on a background with the Hex color 6C93CE.

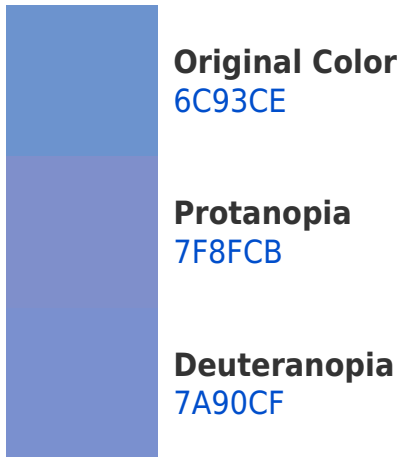


This preview shows how white text looks on a background with the Hex color 6C93CE.

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](#).

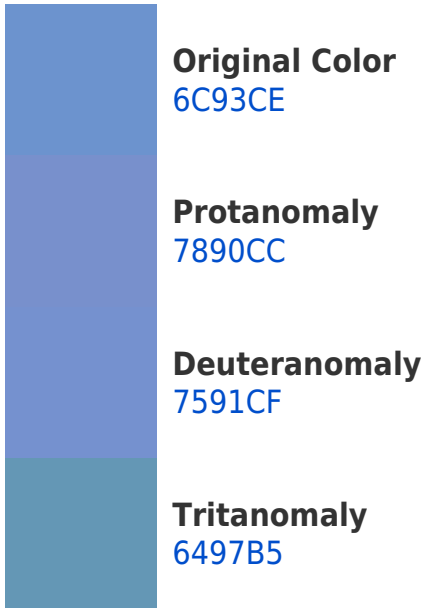
Dichromacy



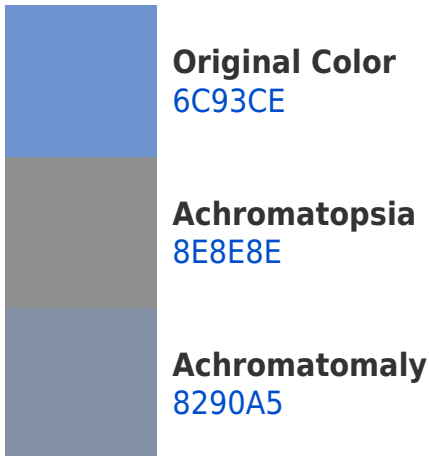


Tritanopia
609AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C93CE 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 #6C93CE looks like.

```
.text, #text, p{  
    color:#6C93CE  
}
```

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 #6C93CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C93CE
}
```

Border

The CSS property to change the border of an element to Hex 6C93CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

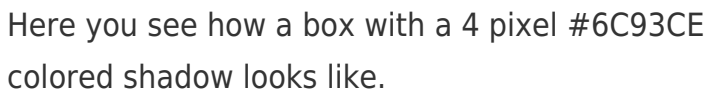
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C93CE }
```

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

```
.border{ border-color:#6C93CE }
```

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



Here you see how a box with a 4 pixel #6C93CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C93CE; -webkit-box-shadow:4px 4px  
4px 4px #6C93CE; box-shadow:4px 4px 4px  
4px #6C93CE }
```

Background

The CSS property to change the background color of an element to Hex 6C93CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C93CE }
```

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

```
.background{ background-color:#6C93CE }
```

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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