

Converting Colors

Hex(6799CE)

Have a look what the booklet for
Hex(6799CE) contains.

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Color

Hex(6799CE)

Conversions

Conversions Part 1

Format	Color
Hex	6799CE
RGB	103, 153, 206
RGB Percent	40%, 60%, 81%
CMY	0.5961, 0.4000, 0.1922
CMYK	0.50, 0.26, 0.00, 0.19
HSL	211°, 51%, 61%
HSV	211°, 50%, 81%
XYZ	28.1253, 30.1223, 62.7243
YIQ	144.0920, -46.8130, 5.8830

Conversions

Conversions Part 2

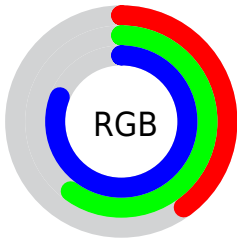
Format	Color
RYB	103, 137, 206
Decimal	6789582
CIELab	61.76, -1.98, -32.35
CIElCh	62, 32.406, 266.493
Yxy	30.1223, 0.2325, 0.2490
Android (android.graphics.Color)	4284979662 (0xFF6799CE)
YUV	144.0920, 30.5206, -36.0377
Hunter-Lab	54.8838, -4.5737, -29.3414

Details

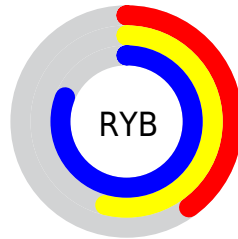
The Hex color **6799CE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CE9C67**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9FCFFF**, and **2C6697** is the 20% darker color. If you saturate the color by 10%, you get **528ECE**, and if you desaturate by 10%, it is **7CA4CE**.

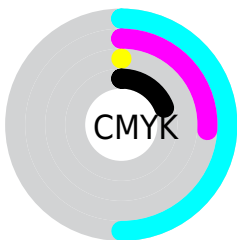
Distribution



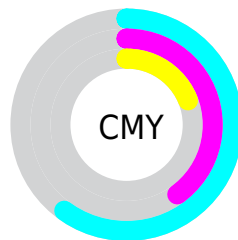
- Red (40%)
- Green (60%)
- Blue (81%)



- Red (40%)
- Yellow (54%)
- Blue (81%)



- Cyan (50%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6799CE 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 6799CE by changing the saturation by 10% instead.

■ 6799CE

■ 6799CE

FFFFFF

■ 4B7FB2

■ 9FCFFF

■ 2C6697

■ BCEBFF

■ 004E7D

■ D9FFFF

■ 003864

■ F6FFFF

■ 00234C

■ 000C35

■ 00021F

■ 000002

■ 000000

■ 6799CE

■ 6799CE

■ 528ECE

■ 7CA4CE

■ 3E84CE

■ 90AECE

■ 2979CE

■ A5B9CE

■ 156FCE

■ B9C3CE

■ 0064CE

■ CECECE

■ E3D9CE

■ F7E3CE

■ FFEECE

■ FFF8CE

Harmonies

Analogous

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



39A0C4



6799CE



948FC8

Triad

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



6799CE



CD817D



6DA175

Complementary

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



6799CE



CE9C67

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.



8E9B61



6799CE



C28866

Square

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



6799CE



CA7F9A



AB925C



48A491

Rectangle

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



6799CE



AC88BD



AB925C



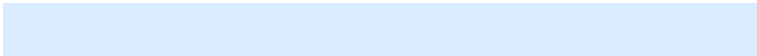
78A06D

Sweetspot

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



6799CE



D9EBFF



67CE9B



697480



000000



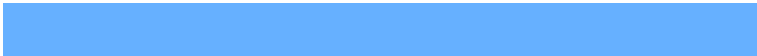
808080

Same Dimension

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



6799CE



66B0FF



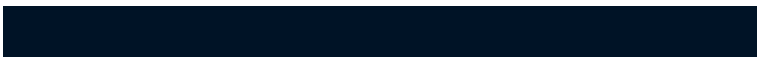
6767CE



5C6166



0050A6



001326

Inverse Universe

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



CE6799



FF66B0



CECE67



665C61



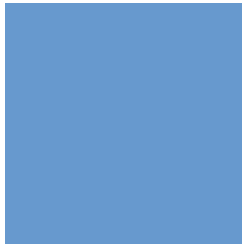
A60050



260013

Previews

White Background



This preview shows how the Hex color 6799CE looks on a white background.

Color Contrast Check

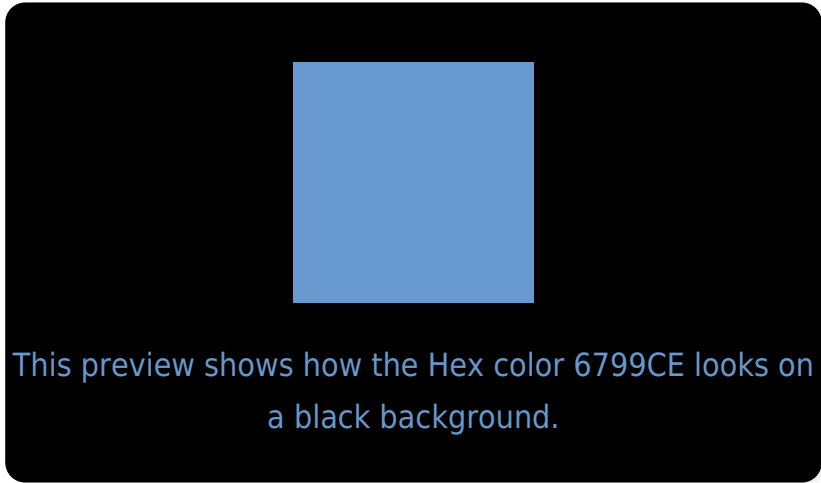
Large Text (above 18pt) WCAG AA × Fail

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

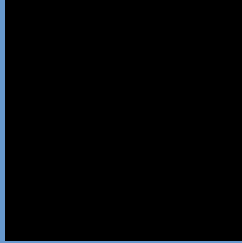
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

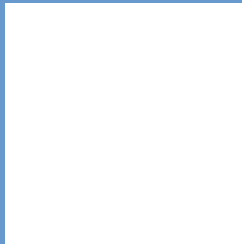
Any Text WCAG AAA ✓ Pass

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

Hex 6799CE Background



This preview shows how black text looks on a background with the Hex color 6799CE.

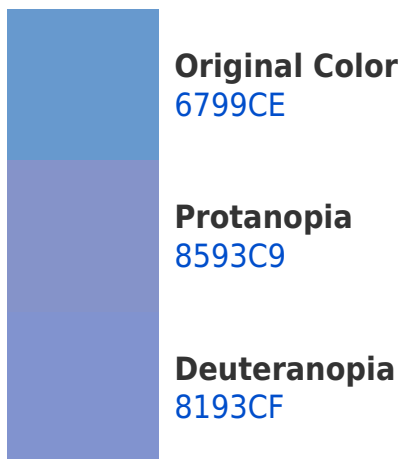


This preview shows how white text looks on a background with the Hex color 6799CE.

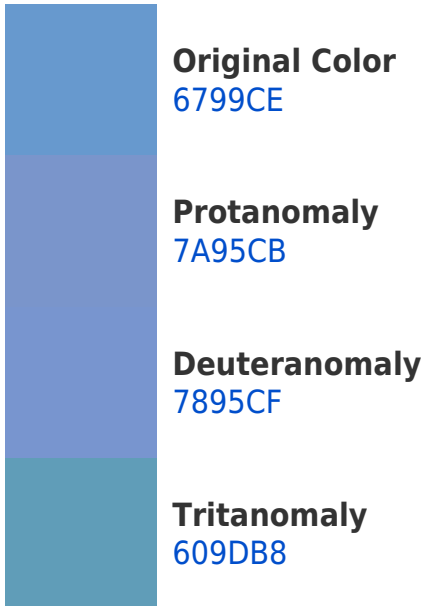
Color Blindness Simulation

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](#).

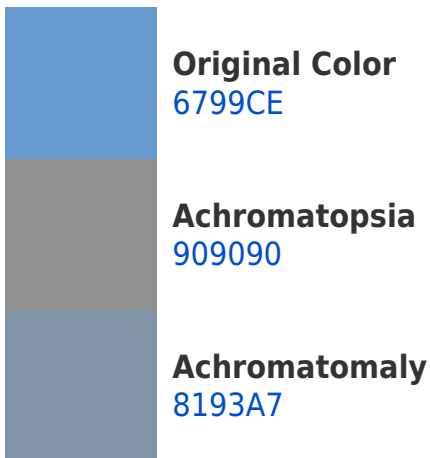
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6799CE 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 #6799CE looks like.

```
.text, #text, p{  
    color:#6799CE  
}
```

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 #6799CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6799CE
}
```

Border

The CSS property to change the border of an element to Hex 6799CE 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
#6799CE }
```

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

```
.border{ border-color:#6799CE }
```

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

Here you see how a box with a 4 pixel #6799CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6799CE; -webkit-box-shadow:4px 4px  
4px 4px #6799CE; box-shadow:4px 4px 4px  
4px #6799CE }
```

Background

The CSS property to change the background color of an element to Hex 6799CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6799CE }
```

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

```
.background{ background-color:#6799CE }
```

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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