

Converting Colors

Hex(6777C9)

Have a look what the booklet for
Hex(6777C9) contains.

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Color

Hex(6777C9)

Conversions

Conversions Part 1

Format	Color
Hex	6777C9
RGB	103, 119, 201
RGB Percent	40%, 47%, 79%
CMY	0.5961, 0.5333, 0.2118
CMYK	0.49, 0.41, 0.00, 0.21
HSL	230°, 48%, 60%
HSV	230°, 49%, 79%
XYZ	22.7330, 20.2943, 57.9774
YIQ	123.5640, -35.8580, 22.1100

Conversions

Conversions Part 2

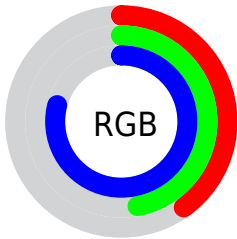
Format	Color
RYB	103, 117, 201
Decimal	6780873
CIELab	52.17, 16.54, -44.57
CIELCh	52, 47.543, 290.357
Yxy	20.2943, 0.2251, 0.2009
Android (android.graphics.Color)	4284970953 (0xFF6777C9)
YUV	123.5640, 38.1759, -18.0346
Hunter-Lab	45.0492, 11.2397, -44.7706

Details

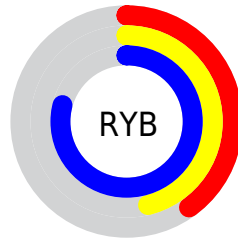
The Hex color **6777C9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C9B967**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9FABFF**, and **2D4792** is the 20% darker color. If you saturate the color by 10%, you get **5366C9**, and if you desaturate by 10%, it is **7B88C9**.

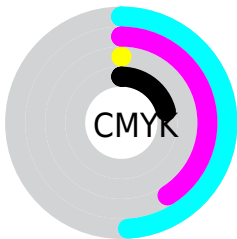
Distribution



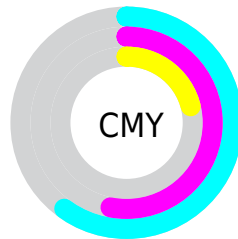
- Red (40%)
- Green (47%)
- Blue (79%)



- Red (40%)
- Yellow (46%)
- Blue (79%)



- Cyan (49%)
- Magenta (41%)
- Yellow (0%)
- Black (21%)



- Cyan (60%)
- Magenta (53%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6777C9 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 6777C9 by changing the saturation by 10% instead.

■ 6777C9

■ 6777C9

FFFFFF

■ 4B5EAD

■ 9FABFF

■ 2D4792

■ BBC6FF

■ 013178

■ D8E2FF

■ 001D5F

■ F6FFFF

■ 000347

■ 000430

■ 00011A

■ 000000

■ 6777C9

■ 6777C9

■ 5366C9

■ 7B88C9

■ 3F55C9

■ 8F99C9

■ 2B45C9

■ A3A9C9

■ 1734C9

■ B7BAC9

■ 0323C9

■ CCCBC9

■ 0021C9

■ E0DCC9

■ F4EDC9

■ FFFEC9

■ FFFFC9

Harmonies

Analogous

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



0085CD



6777C9



A166B1

Triad

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



6777C9



BA663F



00906D

Complementary

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



6777C9



C9B967

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.



478B46



6777C9



9E7628

Square

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



6777C9



C75962



78832A



009098

Rectangle

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



6777C9



B95C99



78832A



008F60

Sweetspot

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



6777C9



D9DFFF



67C9B9



696C80



000000



808080

Same Dimension

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



6777C9



6981FF



8867C9



5A5B63



001BA3



000624

Inverse Universe

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



C96777



FF6981



A8C967



635A5B



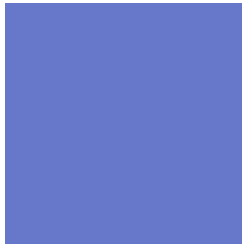
A3001B



240006

Previews

White Background



This preview shows how the Hex color 6777C9 looks on a white background.

Color Contrast Check

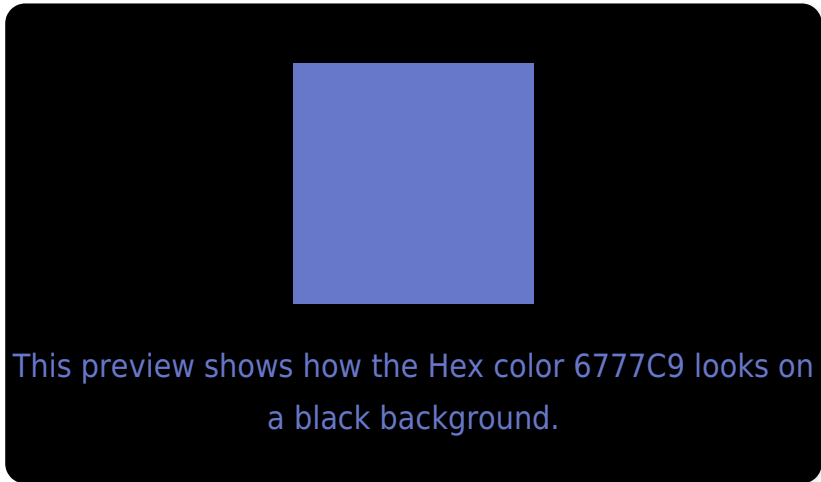
Large Text (above 18pt) WCAG AA ✓ Pass

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 6777C9 Background



This preview shows how black text looks on a background with the Hex color 6777C9.

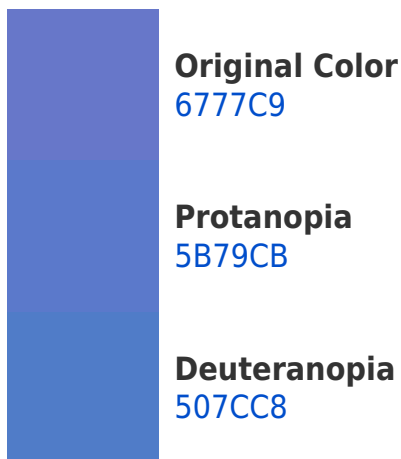


This preview shows how white text looks on a background with the Hex color 6777C9.

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](#).

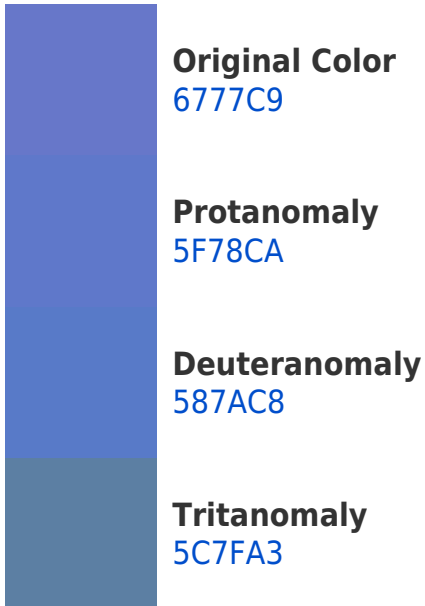
Dichromacy





Tritanopia
55848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6777C9 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 #6777C9 looks like.

```
.text, #text, p{  
    color:#6777C9  
}
```

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 #6777C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6777C9
}
```

Border

The CSS property to change the border of an element to Hex 6777C9 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
#6777C9 }
```

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

```
.border{ border-color:#6777C9 }
```

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

Here you see how a box with a 4 pixel #6777C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6777C9; -webkit-box-shadow:4px 4px  
4px 4px #6777C9; box-shadow:4px 4px 4px  
4px #6777C9 }
```

Background

The CSS property to change the background color of an element to Hex 6777C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6777C9 }
```

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

```
.background{ background-color:#6777C9 }
```

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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