

Converting Colors

Hex(6779DC)

Have a look what the booklet for
Hex(6779DC) contains.

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Color

Hex(6779DC)

Conversions

Conversions Part 1

Format	Color
Hex	6779DC
RGB	103, 121, 220
RGB Percent	40%, 47%, 86%
CMY	0.5961, 0.5255, 0.1373
CMYK	0.53, 0.45, 0.00, 0.14
HSL	231°, 63%, 63%
HSV	231°, 53%, 86%
XYZ	25.3492, 21.7256, 70.5676
YIQ	126.9040, -42.5070, 26.9730

Conversions

Conversions Part 2

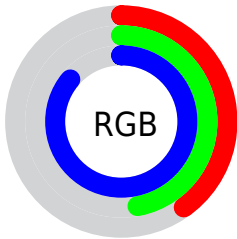
Format	Color
RYB	103, 119, 220
Decimal	6781404
CIELab	53.73, 21.26, -52.85
CIELCh	54, 56.964, 291.918
Yxy	21.7256, 0.2155, 0.1847
Android (android.graphics.Color)	4284971484 (0xFF6779DC)
YUV	126.9040, 45.8963, -20.9638
Hunter-Lab	46.6107, 15.5081, -57.1361

Details

The Hex color **6779DC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DCCA67**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A1ADFF**, and **2749A4** is the 20% darker color. If you saturate the color by 10%, you get **5166DC**, and if you desaturate by 10%, it is **7D8CDC**.

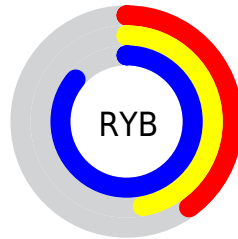
Distribution



Red (40%)

Green (47%)

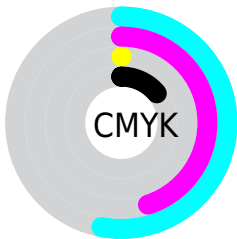
Blue (86%)



Red (40%)

Yellow (47%)

Blue (86%)

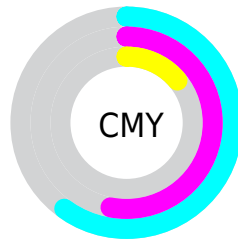


Cyan (53%)

Magenta (45%)

Yellow (0%)

Black (14%)



Cyan (60%)

Magenta (53%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6779DC 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 6779DC by changing the saturation by 10% instead.

■ 6779DC

■ 6779DC

FFFFFF

■ 4960C0

■ A1ADFF

■ 2749A4

■ BEC8FF

■ 003389

■ DBE4FF

■ 001F6F

■ F9FFFF

■ 000956

■ 00063E

■ 000327

■ 000111

■ 000000

■ 6779DC

■ 6779DC

■ 5166DC

■ 7D8CDC

■ 3B54DC

■ 939EDC

■ 2541DC

■ A9B1DC

■ 0F2FDC

■ BFC3DC

■ 0022DC

■ D5D6DC

■ EBE9DC

■ FFFBDC

■ FFFFDC

Harmonies

Analogous

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



008AE2



6779DC



AF63BE

Triad

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



6779DC



C76533



009771

Complementary

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



6779DC



DCCA67

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.



369240



6779DC



A47911

Square

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



6779DC



D8545F



768918



0097A4

Rectangle

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



6779DC



CA56A0



768918



009660

Sweetspot

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



6779DC



D6DCFF



67DCC8



676B80



000000



808080

Same Dimension

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



6779DC



5C75FF



8E67DC



63646E



001BAD



00072E

Inverse Universe

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



DC6779



FF5C75



B5DC67



6E6364



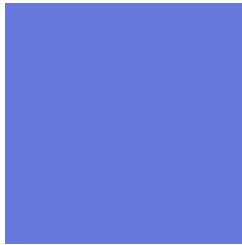
AD001B



2E0007

Previews

White Background



This preview shows how the Hex color 6779DC looks on a white background.

Color Contrast Check

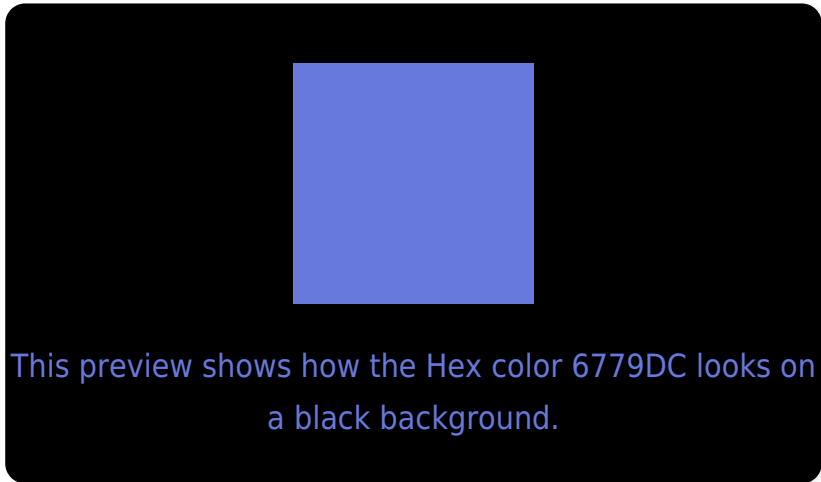
Large Text (above 18pt) WCAG AA ✓ Pass

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

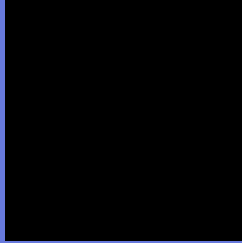
Any Text WCAG AA ✓ Pass

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 6779DC Background



This preview shows how black text looks on a background with the Hex color 6779DC.

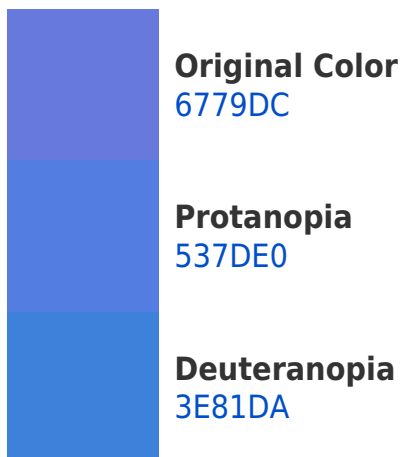


This preview shows how white text looks on a background with the Hex color 6779DC.

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](#).

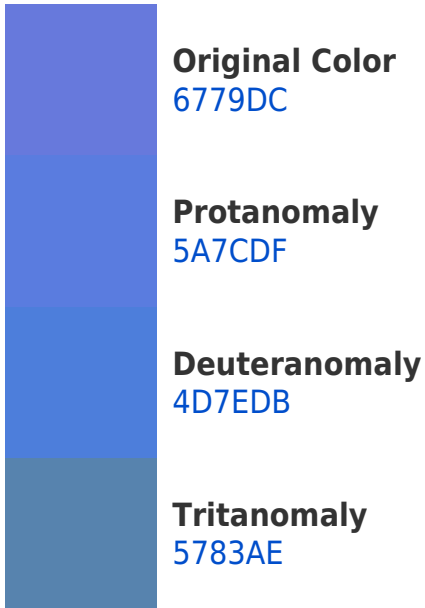
Dichromacy



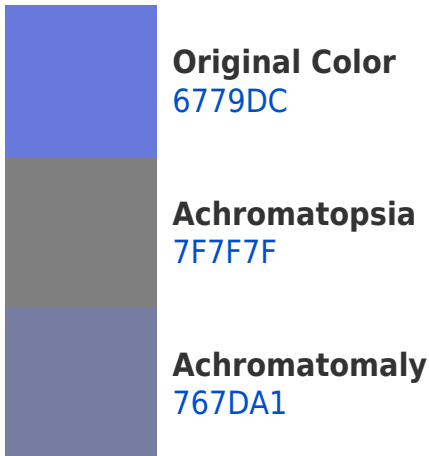


Tritanopia
4E8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6779DC 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 #6779DC looks like.

```
.text, #text, p{  
    color:#6779DC  
}
```

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 #6779DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6779DC
}
```

Border

The CSS property to change the border of an element to Hex 6779DC 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
#6779DC }
```

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

```
.border{ border-color:#6779DC }
```

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

Here you see how a box with a 4 pixel #6779DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6779DC; -webkit-box-shadow:4px 4px  
4px 4px #6779DC; box-shadow:4px 4px 4px  
4px #6779DC }
```

Background

The CSS property to change the background color of an element to Hex 6779DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6779DC }
```

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

```
.background{ background-color:#6779DC }
```

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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