

Converting Colors

Hex(6779B4)

Have a look what the booklet for
Hex(6779B4) contains.

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Color

Hex(6779B4)

Conversions

Conversions Part 1

Format	Color
Hex	6779B4
RGB	103, 121, 180
RGB Percent	40%, 47%, 71%
CMY	0.5961, 0.5255, 0.2941
CMYK	0.43, 0.33, 0.00, 0.29
HSL	226°, 34%, 55%
HSV	226°, 43%, 71%
XYZ	20.6691, 19.8536, 45.9228
YIQ	122.3440, -29.6670, 14.5330

Conversions

Conversions Part 2

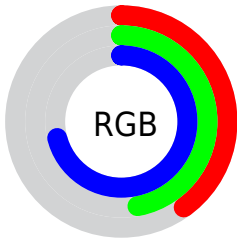
Format	Color
RYB	103, 118, 180
Decimal	6781364
CIELab	51.67, 8.99, -33.31
CIELCh	52, 34.503, 285.101
Yxy	19.8536, 0.2391, 0.2297
Android (android.graphics.Color)	4284971444 (0xFF6779B4)
YUV	122.3440, 28.4244, -16.9647
Hunter-Lab	44.5574, 4.8265, -29.9167

Details

The Hex color **6779B4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B4A267**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9DADEC**, and **32497F** is the 20% darker color. If you saturate the color by 10%, you get **556BB4**, and if you desaturate by 10%, it is **7987B4**.

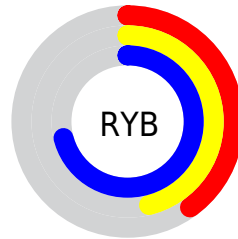
Distribution



Red (40%)

Green (47%)

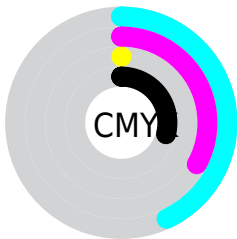
Blue (71%)



Red (40%)

Yellow (46%)

Blue (71%)

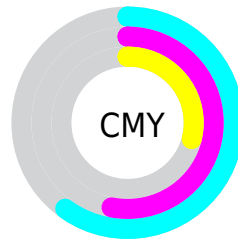


Cyan (43%)

Magenta (33%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6779B4 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 6779B4 by changing the saturation by 10% instead.

■ 6779B4

■ 6779B4

FFFFFF

■ 4D6099

■ 9DADEC

■ 32497F

■ B9C8FF

■ 143366

■ D5E4FF

■ 001E4D

■ F2FFFF

■ 000436

■ 000220

■ 000004

■ 000000

■ 6779B4

■ 6779B4

■ 556BB4

■ 7987B4

■ 435DB4

■ 8B95B4

■ 3150B4

■ 9DA2B4

■ 1F42B4

■ AFB0B4

■ 0D34B4

■ C1BEB4

■ 002AB4

■ D3CCB4

■ E5DAB4

■ F7E7B4

■ FFF5B4

Harmonies

Analogous

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



2A82B4



6779B4



916EA5

Triad

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



6779B4



AD6A53



348A6B

Complementary

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



6779B4



B4A267

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.



5E8550



6779B4



9A7442

Square

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



6779B4



B4646D



7F7E41



008B8A

Rectangle

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



6779B4



A46795



7F7E41



448961

Sweetspot

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



6779B4



CCD3EB



67B4A1



636775



F5F5F5



757575

Same Dimension

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



6779B4



738FEB



7A67B4



505259



002499



00061A

Inverse Universe

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



B46779



EB738F



A1B467



595052



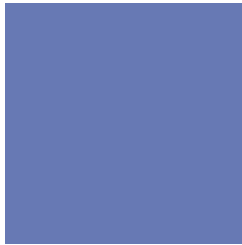
990024



1A0006

Previews

White Background



This preview shows how the Hex color 6779B4 looks on a white background.

Color Contrast Check

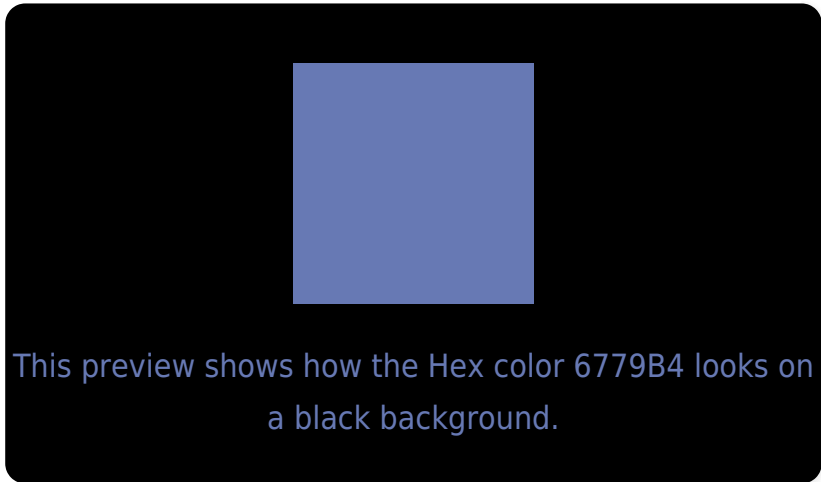
Large Text (above 18pt) WCAG AA ✓ Pass

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

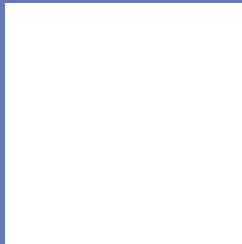
Any Text WCAG AAA × Fail

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

Hex 6779B4 Background



This preview shows how black text looks on a background with the Hex color 6779B4.



This preview shows how white text looks on a background with the Hex color 6779B4.

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



Original Color
6779B4

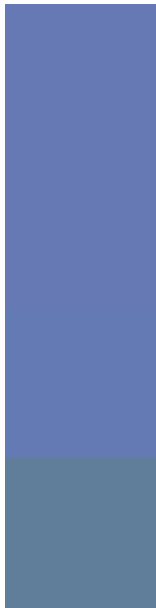
Protanopia
6779B4

Deuteranopia
637AB4



Tritanopia
5C818B

Trichromacy



Original Color
6779B4

Protanomaly
6779B4

Deuteranomaly
647AB4

Tritanomaly
607E9A

Monochromacy



Original Color
6779B4

Achromatopsia
7A7A7A

Achromatomaly
737A8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6779B4 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 #6779B4 looks like.

```
.text, #text, p{  
    color:#6779B4  
}
```

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 #6779B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6779B4
}
```

Border

The CSS property to change the border of an element to Hex 6779B4 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
#6779B4 }
```

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

```
.border{ border-color:#6779B4 }
```

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

Here you see how a box with a 4 pixel #6779B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6779B4; -webkit-box-shadow:4px 4px  
4px 4px #6779B4; box-shadow:4px 4px 4px  
4px #6779B4 }
```

Background

The CSS property to change the background color of an element to Hex 6779B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6779B4 }
```

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

```
.background{ background-color:#6779B4 }
```

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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