

Converting Colors

Hex(6771B4)

Have a look what the booklet for
Hex(6771B4) contains.

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Color

Hex(6771B4)

Conversions

Conversions Part 1

Format	Color
Hex	6771B4
RGB	103, 113, 180
RGB Percent	40%, 44%, 71%
CMY	0.5961, 0.5569, 0.2941
CMYK	0.43, 0.37, 0.00, 0.29
HSL	232°, 34%, 55%
HSV	232°, 43%, 71%
XYZ	19.7369, 17.9891, 45.6120
YIQ	117.6480, -27.4670, 18.7170

Conversions

Conversions Part 2

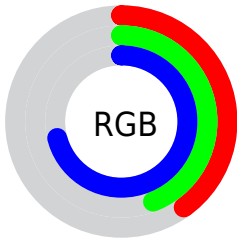
Format	Color
RYB	103, 112, 180
Decimal	6779316
CIELab	49.48, 13.83, -36.75
CIELCh	49, 39.263, 290.626
Yxy	17.9891, 0.2368, 0.2159
Android (android.graphics.Color)	4284969396 (0xFF6771B4)
YUV	117.6480, 30.7395, -12.8463
Hunter-Lab	42.4136, 8.8400, -34.0716

Details

The Hex color **6771B4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B4AA67**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9DA5EC**, and **32417F** is the 20% darker color. If you saturate the color by 10%, you get **5561B4**, and if you desaturate by 10%, it is **7981B4**.

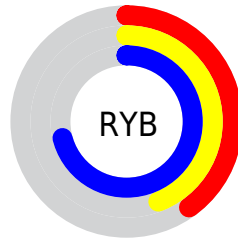
Distribution



Red (40%)

Green (44%)

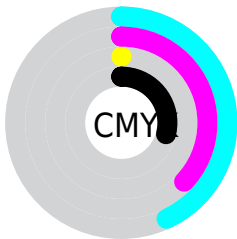
Blue (71%)



Red (40%)

Yellow (44%)

Blue (71%)

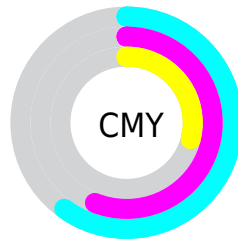


Cyan (43%)

Magenta (37%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6771B4 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 6771B4 by changing the saturation by 10% instead.

■ 6771B4

■ 6771B4

FFFFFF

■ 4C5999

■ 9DA5EC

■ 32417F

■ B9C0FF

■ 132C65

■ D6DBFF

■ 00184D

■ F3F8FF

■ 000036

■ 000220

■ 000003

■ 000000

■ 6771B4

■ 6771B4

■ 5561B4

■ 7981B4

■ 4352B4

■ 8B90B4

■ 3142B4

■ 9DA0B4

■ 1F32B4

■ AFB0B4

■ 0D23B4

■ C1BFB4

■ 0017B4

■ D3CFB4

■ E5DFB4

■ F7EEB4

■ FFFEB4

Harmonies

Analogous

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



0D7CB7



6771B4



9564A0

Triad

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



6771B4



AA6443



00866A

Complementary

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



6771B4



B4AA67

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.



4B824A



6771B4



927032

Square

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



6771B4



B45B60



737B35



00868C

Rectangle

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



6771B4



A85D8D



737B35



26855E

Sweetspot

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



6771B4



CCD0EB



67B4AA



636575



F5F5F5



757575

Same Dimension

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



6771B4



7382EB



8367B4



505159



001499



00031A

Inverse Universe

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



B46771



EB7382



98B467



595051



990014



1A0003

Previews

White Background



This preview shows how the Hex color 6771B4 looks on a white background.

Color Contrast Check

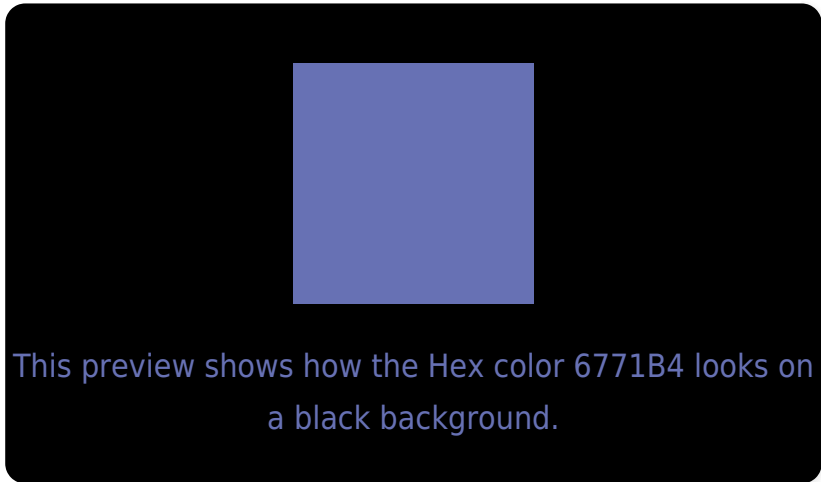
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

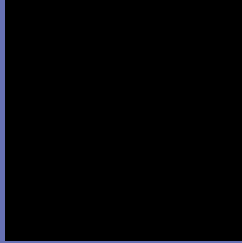
Any Text WCAG AA ✓ Pass

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 6771B4 Background



This preview shows how black text looks on a background with the Hex color 6771B4.

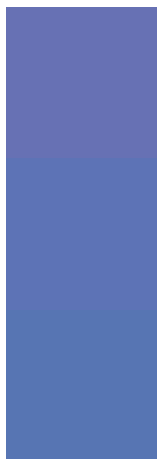


This preview shows how white text looks on a background with the Hex color 6771B4.

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
6771B4

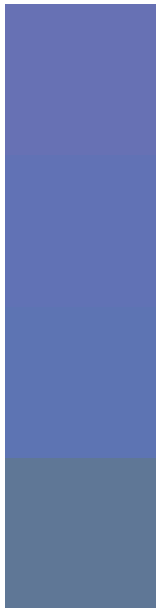
Protanopia
5D73B6

Deuteranopia
5775B3



Tritanopia
5B7B85

Trichromacy



Original Color
6771B4

Protanomaly
6172B5

Deuteranomaly
5D74B3

Tritanomaly
5F7796

Monochromacy



Original Color
6771B4

Achromatopsia
767676

Achromatomaly
71748D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6771B4 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 #6771B4 looks like.

```
.text, #text, p{  
    color:#6771B4  
}
```

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 #6771B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6771B4
}
```

Border

The CSS property to change the border of an element to Hex 6771B4 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
#6771B4 }
```

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

```
.border{ border-color:#6771B4 }
```

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

Here you see how a box with a 4 pixel #6771B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6771B4; -webkit-box-shadow:4px 4px  
4px 4px #6771B4; box-shadow:4px 4px 4px  
4px #6771B4 }
```

Background

The CSS property to change the background color of an element to Hex 6771B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6771B4 }
```

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

```
.background{ background-color:#6771B4 }
```

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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