

Converting Colors

Hex(6775BB)

Have a look what the booklet for
Hex(6775BB) contains.

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Color

Hex(6775BB)

Conversions

Conversions Part 1

Format	Color
Hex	6775BB
RGB	103, 117, 187
RGB Percent	40%, 46%, 73%
CMY	0.5961, 0.5412, 0.2667
CMYK	0.45, 0.37, 0.00, 0.27
HSL	230°, 38%, 57%
HSV	230°, 45%, 73%
XYZ	20.9244, 19.1940, 49.6157
YIQ	120.7940, -30.8140, 18.8020

Conversions

Conversions Part 2

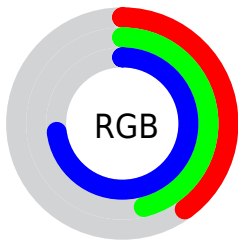
Format	Color
RYB	103, 115, 187
Decimal	6780347
CIELab	50.91, 13.49, -38.54
CIElCh	51, 40.828, 289.291
Yxy	19.1940, 0.2332, 0.2139
Android (android.graphics.Color)	4284970427 (0xFF6775BB)
YUV	120.7940, 32.6396, -15.6053
Hunter-Lab	43.8110, 8.5838, -36.4779

Details

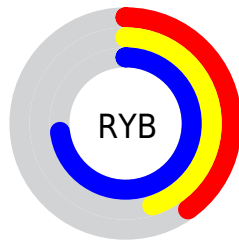
The Hex color **6775BB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BBAD67**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9EA9F4**, and **304585** is the 20% darker color. If you saturate the color by 10%, you get **5465BB**, and if you desaturate by 10%, it is **7A85BB**.

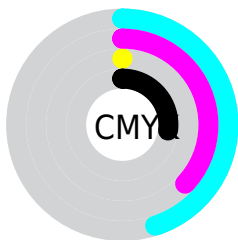
Distribution



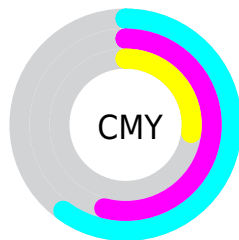
- Red (40%)
- Green (46%)
- Blue (73%)



- Red (40%)
- Yellow (45%)
- Blue (73%)



- Cyan (45%)
- Magenta (37%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6775BB 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 6775BB by changing the saturation by 10% instead.

■ 6775BB

■ 6775BB

FFFFFF

■ 4C5DA0

■ 9EA9F4

■ 304585

■ BAC4FF

■ 0F2F6C

■ D6E0FF

■ 001B53

■ F3FDFF

■ 00003C

■ 000225

■ 00010D

■ 000000

■ 6775BB

■ 6775BB

■ 5465BB

■ 7A85BB

■ 4256BB

■ 8C94BB

■ 2F46BB

■ 9FA4BB

■ 1C37BB

■ B2B3BB

■ 0A27BB

■ C4C3BB

■ 001FBB

■ D7D3BB

■ EAE2BB

■ FDF2BB

■ FFFFBB

Harmonies

Analogous

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



0081BD



6775BB



9867A7

Triad

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



6775BB



B06646



008A6B

Complementary

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



6775BB



BBAD67

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.



4F864A



6775BB



987333

Square

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



6775BB



BB5D64



787E34



008B8F

Rectangle

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



6775BB



AC6093



787E34



28895F

Sweetspot

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



6775BB



D3D8F2



67BBAD



676A7A



FAFAFA



7A7A7A

Same Dimension

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



6775BB



6F85F2



8367BB



55565E



001A9E



00051F

Inverse Universe

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



BB6775



F26F85



9FBB67



5E5556



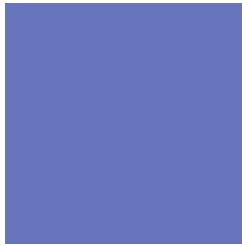
9E001A



1F0005

Previews

White Background



This preview shows how the Hex color 6775BB looks on a white background.

Color Contrast Check

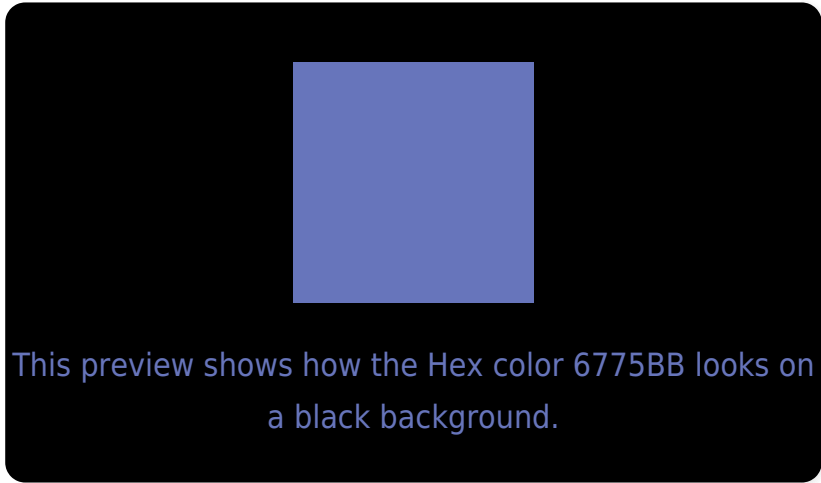
Large Text (above 18pt) WCAG AA ✓ Pass

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

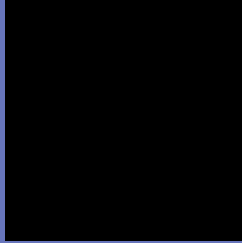
Any Text WCAG AA ✓ Pass

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 6775BB Background



This preview shows how black text looks on a background with the Hex color 6775BB.

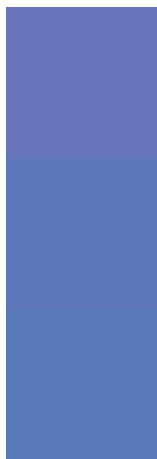


This preview shows how white text looks on a background with the Hex color 6775BB.

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
6775BB

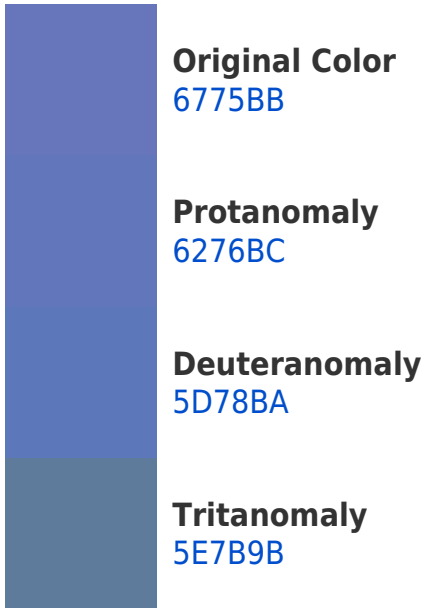
Protanopia
5F77BC

Deuteranopia
5879BA



Tritanopia
597F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6775BB 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 #6775BB looks like.

```
.text, #text, p{  
    color:#6775BB  
}
```

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 #6775BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6775BB
}
```

Border

The CSS property to change the border of an element to Hex 6775BB 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
#6775BB }
```

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

```
.border{ border-color:#6775BB }
```

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

Here you see how a box with a 4 pixel #6775BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6775BB; -webkit-box-shadow:4px 4px  
4px 4px #6775BB; box-shadow:4px 4px 4px  
4px #6775BB }
```

Background

The CSS property to change the background color of an element to Hex 6775BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6775BB }
```

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

```
.background{ background-color:#6775BB }
```

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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