

Converting Colors

Hex(6777A7)

Have a look what the booklet for
Hex(6777A7) contains.

Hex(6777A7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6777A7)

Conversions

Conversions Part 1

Format	Color
Hex	6777A7
RGB	103, 119, 167
RGB Percent	40%, 47%, 65%
CMY	0.5961, 0.5333, 0.3451
CMYK	0.38, 0.29, 0.00, 0.35
HSL	225°, 27%, 53%
HSV	225°, 38%, 65%
XYZ	19.1654, 18.8672, 39.1908
YIQ	119.6880, -24.9440, 11.5360

Conversions

Conversions Part 2

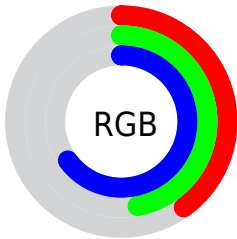
Format	Color
R_{YB}	103, 116, 167
Decimal	6780839
CIE _{Lab}	50.53, 6.43, -27.56
CIE _{LCh}	51, 28.297, 283.125
Yxy	18.8672, 0.2482, 0.2443
Android (android.graphics.Color)	4284970919 (0xFF6777A7)
YUV	119.6880, 23.3248, -14.6354
Hunter-Lab	43.4364, 2.7455, -23.0893

Details

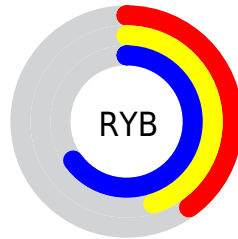
The Hex color **6777A7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A79767**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9CABDE**, and **344773** is the 20% darker color. If you saturate the color by 10%, you get **566AA7**, and if you desaturate by 10%, it is **7884A7**.

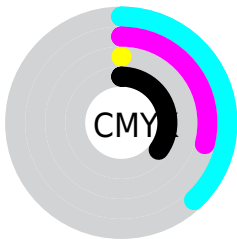
Distribution



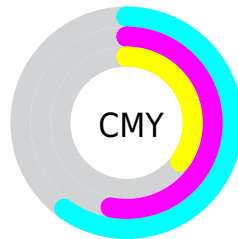
- Red (40%)
- Green (47%)
- Blue (65%)



- Red (40%)
- Yellow (45%)
- Blue (65%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (35%)



- Cyan (60%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6777A7 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 6777A7 by changing the saturation by 10% instead.

■ 6777A7

■ 6777A7

FFFFFF

■ 4D5E8C

■ 9CABDE

■ 344773

■ B8C6FB

■ 1A315A

■ D4E2FF

■ 001C42

■ F1FFFF

■ 00002C

■ 000117

■ 000000

■ 6777A7

■ 6777A7

■ 566AA7

■ 7884A7

■ 465EA7

■ 8890A7

■ 3551A7

■ 999DA7

■ 2445A7

■ AAA9A7

■ 1438A7

■ BBB6A7

■ 032CA7

■ CBC2A7

■ 002AA7

■ DCCFA7

■ EDDBA7

■ FDE8A7

Harmonies

Analogous

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



3F7FA6



6777A7



896E9C

Triad

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



6777A7



A36A58



458469

Complementary

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



6777A7



A79767

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.



638154



6777A7



94724A

Square

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



6777A7



A8666E



7E7A49



258582

Rectangle

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



6777A7



99698E



7E7A49



4F8362

Sweetspot

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



6777A7



C1C7D9



67A797



5F636E



EDEDED



6E6E6E

Same Dimension

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



6777A7



758ED9



7767A7



4C4E54



002594



000514

Inverse Universe

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



A76777



D9758E



97A767



544C4E



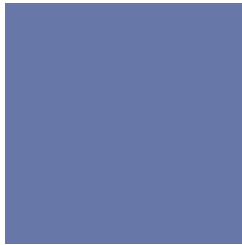
940025



140005

Previews

White Background



This preview shows how the Hex color 6777A7 looks on a white background.

Color Contrast Check

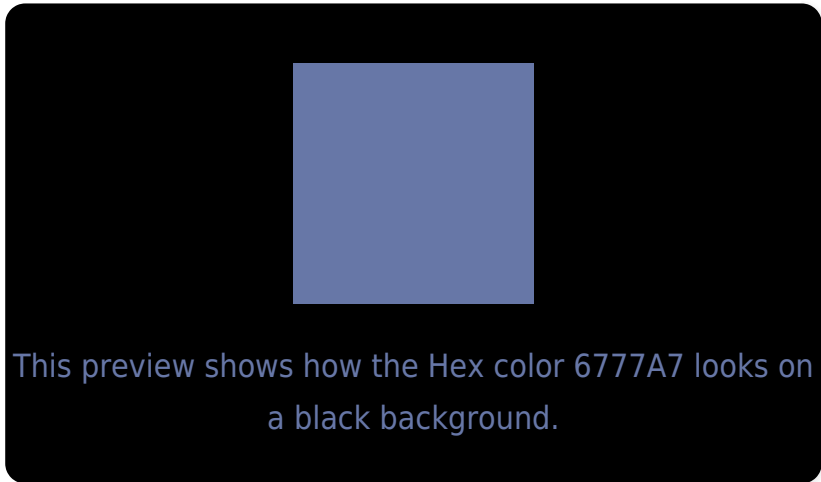
Large Text (above 18pt) WCAG AA ✓ Pass

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

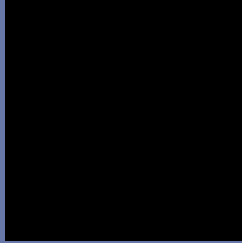
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

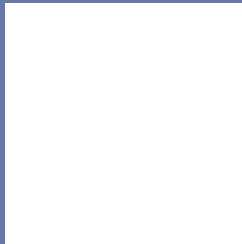
Any Text WCAG AAA × Fail

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

Hex 6777A7 Background



This preview shows how black text looks on a background with the Hex color 6777A7.



This preview shows how white text looks on a background with the Hex color 6777A7.

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

6777A7

Protanopia

6A76A7

Deuteranopia

6877A7



Tritanopia
5F7D87

Trichromacy



Original Color
6777A7

Protanomaly
6976A7

Deuteranomaly
6877A7

Tritanomaly
627B93

Monochromacy



Original Color
6777A7

Achromatopsia
787878

Achromatomaly
727889

CSS Examples

Text

The CSS property to change the color of the text to Hex 6777A7 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 #6777A7 looks like.

```
.text, #text, p{  
    color:#6777A7  
}
```

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 #6777A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6777A7
}
```

Border

The CSS property to change the border of an element to Hex 6777A7 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
#6777A7 }
```

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

```
.border{ border-color:#6777A7 }
```

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

Here you see how a box with a 4 pixel #6777A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6777A7; -webkit-box-shadow:4px 4px  
4px 4px #6777A7; box-shadow:4px 4px 4px  
4px #6777A7 }
```

Background

The CSS property to change the background color of an element to Hex 6777A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6777A7 }
```

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

```
.background{ background-color:#6777A7 }
```

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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