

Converting Colors

Hex(6778B1)

Have a look what the booklet for
Hex(6778B1) contains.

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Color

Hex(6778B1)

Conversions

Conversions Part 1

Format	Color
Hex	6778B1
RGB	103, 120, 177
RGB Percent	40%, 47%, 69%
CMY	0.5961, 0.5294, 0.3059
CMYK	0.42, 0.32, 0.00, 0.31
HSL	226°, 32%, 55%
HSV	226°, 42%, 69%
XYZ	20.2458, 19.4908, 44.2900
YIQ	121.4150, -28.4290, 14.1230

Conversions

Conversions Part 2

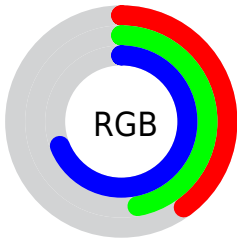
Format	Color
R_{YB}	103, 117, 177
Decimal	6781105
CIE Lab	51.26, 8.71, -32.23
CIE LCh	51, 33.384, 285.123
Yxy	19.4908, 0.2409, 0.2320
Android (android.graphics.Color)	4284971185 (0xFF6778B1)
YUV	121.4150, 27.4034, -16.1500
Hunter-Lab	44.1484, 4.5977, -28.5763

Details

The Hex color **6778B1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1A067**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9DACE9**, and **32487C** is the 20% darker color. If you saturate the color by 10%, you get **556AB1**, and if you desaturate by 10%, it is **7986B1**.

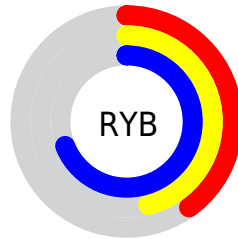
Distribution



Red (40%)

Green (47%)

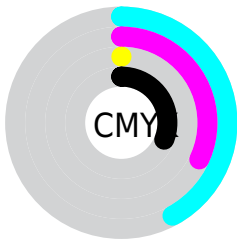
Blue (69%)



Red (40%)

Yellow (46%)

Blue (69%)

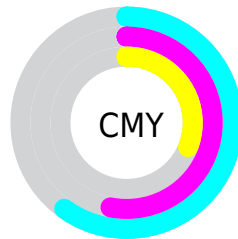


Cyan (42%)

Magenta (32%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6778B1 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 6778B1 by changing the saturation by 10% instead.

■ 6778B1

■ 6778B1

FFFFFF

■ 4D5F96

■ 9DACE9

■ 32487C

■ B9C7FF

■ 153263

■ D5E3FF

■ 001D4B

■ F2FFFF

■ 000234

■ 00021E

■ 000000

■ 6778B1

■ 6778B1

■ 556AB1

■ 7986B1

■ 445DB1

■ 8A93B1

■ 324FB1

■ 9CA1B1

■ 2041B1

■ AEAFB1

■ 0E34B1

■ C0BCB1

■ 0029B1

■ D1CAB1

■ E3D7B1

■ F5E5B1

■ FFF3B1

Harmonies

Analogous

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



2F81B1



6778B1



8F6DA3

Triad

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



6778B1



AB6A53



37886B

Complementary

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



6778B1



B1A067

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.



5E8451



6778B1



987343

Square

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



6778B1



B1646D



7E7D42



008988

Rectangle

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



6778B1



A26793



7E7D42



458761

Sweetspot

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



6778B1



C8CFE6



67B1A0



606573



F2F2F2



737373

Same Dimension

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



6778B1



738DE6



7B67B1



505259



002399



00061A

Inverse Universe

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



B16778



E6738D



9DB167



595052



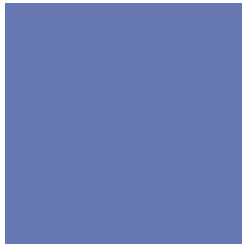
990023



1A0006

Previews

White Background



This preview shows how the Hex color 6778B1 looks on a white background.

Color Contrast Check

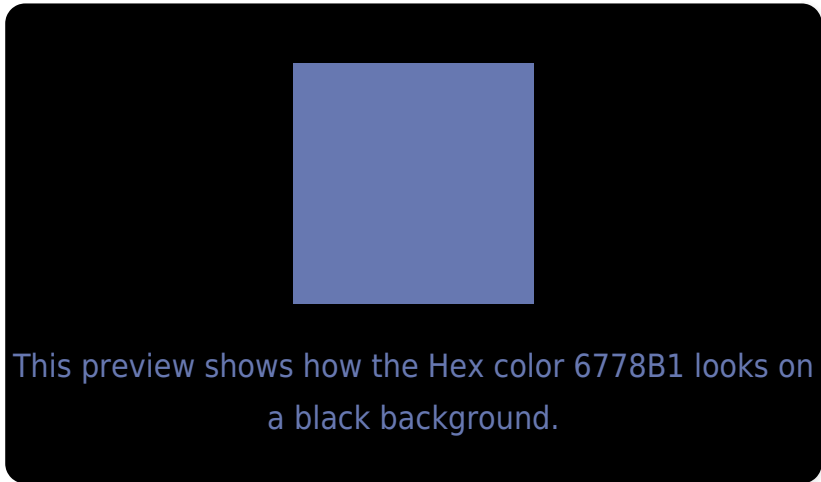
Large Text (above 18pt) WCAG AA ✓ Pass

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

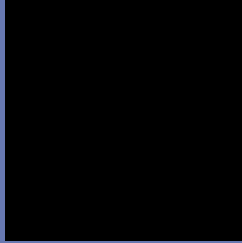
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

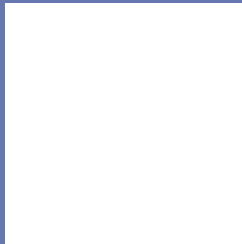
Any Text WCAG AAA × Fail

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

Hex 6778B1 Background



This preview shows how black text looks on a background with the Hex color 6778B1.



This preview shows how white text looks on a background with the Hex color 6778B1.

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
6778B1

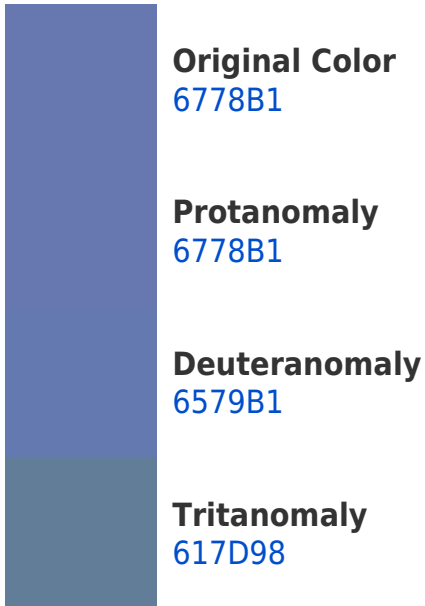
Protanopia
6778B1

Deuteranopia
6479B1



Tritanopia
5D808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6778B1 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 #6778B1 looks like.

```
.text, #text, p{  
    color:#6778B1  
}
```

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 #6778B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6778B1
}
```

Border

The CSS property to change the border of an element to Hex 6778B1 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
#6778B1 }
```

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

```
.border{ border-color:#6778B1 }
```

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

Here you see how a box with a 4 pixel #6778B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6778B1; -webkit-box-shadow:4px 4px  
4px 4px #6778B1; box-shadow:4px 4px 4px  
4px #6778B1 }
```

Background

The CSS property to change the background color of an element to Hex 6778B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6778B1 }
```

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

```
.background{ background-color:#6778B1 }
```

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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