

Converting Colors

Hex(78B1C6)

Have a look what the booklet for
Hex(78B1C6) contains.

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Color

Hex(78B1C6)

Conversions

Conversions Part 1

Format	Color
Hex	78B1C6
RGB	120, 177, 198
RGB Percent	47%, 69%, 78%
CMY	0.5294, 0.3059, 0.2235
CMYK	0.39, 0.11, 0.00, 0.22
HSL	196°, 41%, 62%
HSV	196°, 39%, 78%
XYZ	33.6609, 39.5146, 59.2790
YIQ	162.3510, -40.7130, -5.5530

Conversions

Conversions Part 2

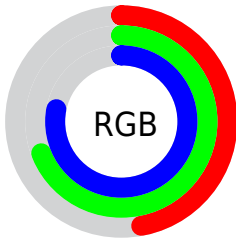
Format	Color
RYB	120, 153, 198
Decimal	7909830
CIELab	69.12, -13.15, -16.55
CIElCh	69, 21.138, 231.515
Yxy	39.5146, 0.2541, 0.2983
Android (android.graphics.Color)	4286099910 (0xFF78B1C6)
YUV	162.3510, 17.5750, -37.1418
Hunter-Lab	62.8606, -14.4220, -11.9094

Details

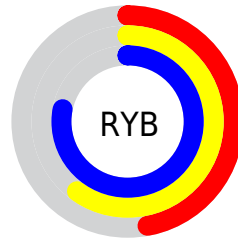
The Hex color **78B1C6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C68D78**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AFE9FF**, and **427C90** is the 20% darker color. If you saturate the color by 10%, you get **64ACC6**, and if you desaturate by 10%, it is **8CB6C6**.

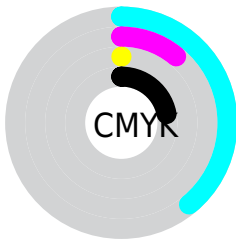
Distribution



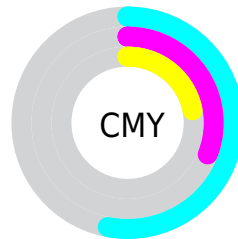
- Red (47%)
- Green (69%)
- Blue (78%)



- Red (47%)
- Yellow (60%)
- Blue (78%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B1C6 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 78B1C6 by changing the saturation by 10% instead.

 78B1C6

 78B1C6

FFFFFF

 5D96AB

 AFE9FF

 427C90

 CBFFFF

 266376

 E8FFFF

 004B5E

 003546

 002030

 00011B

 000000

 78B1C6

 78B1C6

■ 64ACC6

■ 8CB6C6

■ 50A6C6

■ A0BCC6

■ 3DA1C6

■ B3C1C6

■ 299CC6

■ C7C6C6

■ 1596C6

■ DBCCC6

■ 0191C6

■ EFD1C6

■ 0091C6

■ FFD6C6

■ FFDCC6

■ FFE1C6

Harmonies

Analogous

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



74B3B6



78B1C6



8BACCE

Triad

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



78B1C6



CC9CAF



A9AC85

Complementary

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



78B1C6



C68D78

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.



BCA683



78B1C6



D09C9C

Square

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



78B1C6



BC9FC1



CBA08C



93B190

Rectangle

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



78B1C6



9CA8CE



CBA08C



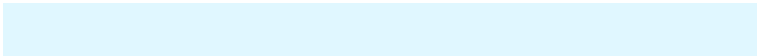
B0AA83

Sweetspot

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



78B1C6



E0F7FF



78C68D



6E7B80



000000



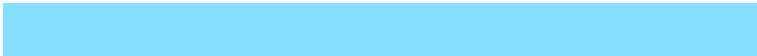
808080

Same Dimension

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



78B1C6



87DFFF



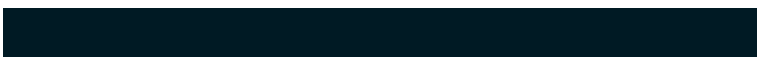
788AC6



5A6163



0077A3



001A24

Inverse Universe

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



C678B1



FF87DF



C6B478



635A61



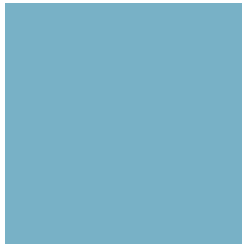
A30077



24001A

Previews

White Background



This preview shows how the Hex color 78B1C6 looks on a white background.

Color Contrast Check

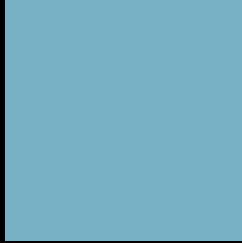
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 78B1C6 looks on a 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 ✓ Pass

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

Hex 78B1C6 Background



This preview shows how black text looks on a background with the Hex color 78B1C6.

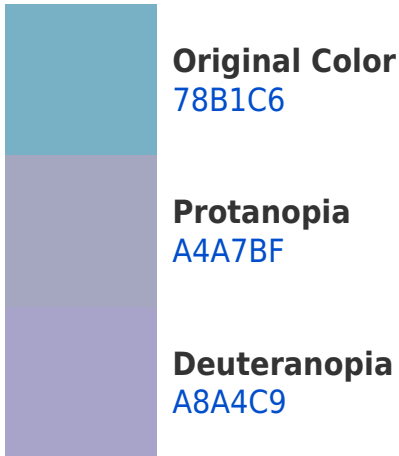


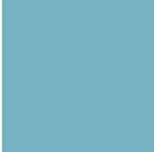
This preview shows how white text looks on a background with the Hex color 78B1C6.

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



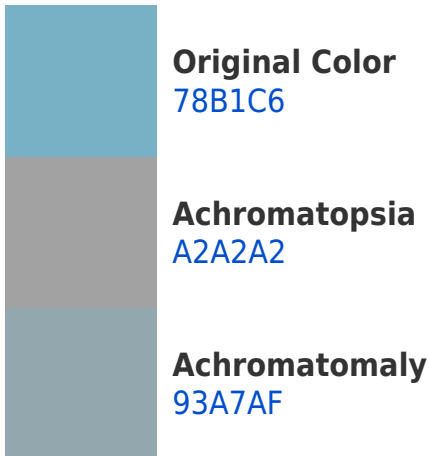


Tritanopia
76B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B1C6 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 #78B1C6 looks like.

```
.text, #text, p{  
    color:#78B1C6  
}
```

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 #78B1C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B1C6  
}
```

Border

The CSS property to change the border of an element to Hex 78B1C6 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  
#78B1C6 }
```

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

```
.border{ border-color:#78B1C6 }
```

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

Here you see how a box with a 4 pixel #78B1C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B1C6; -webkit-box-shadow:4px 4px  
4px 4px #78B1C6; box-shadow:4px 4px 4px  
4px #78B1C6 }
```

Background

The CSS property to change the background color of an element to Hex 78B1C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B1C6 }
```

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

```
.background{ background-color:#78B1C6 }
```

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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