

Converting Colors

Hex(78B0C8)

Have a look what the booklet for
Hex(78B0C8) contains.

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Color

Hex(78B0C8)

Conversions

Conversions Part 1

Format	Color
Hex	78B0C8
RGB	120, 176, 200
RGB Percent	47%, 69%, 78%
CMY	0.5294, 0.3098, 0.2157
CMYK	0.40, 0.12, 0.00, 0.22
HSL	198°, 42%, 63%
HSV	198°, 40%, 78%
XYZ	33.6964, 39.2139, 60.4366
YIQ	161.9920, -41.0800, -4.4080

Conversions

Conversions Part 2

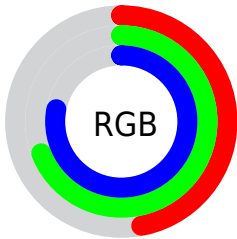
Format	Color
R _{YB}	120, 153, 200
Decimal	7909576
CIE Lab	68.91, -12.10, -17.98
CIE LCh	69, 21.667, 236.060
Yxy	39.2139, 0.2527, 0.2941
Android (android.graphics.Color)	4286099656 (0xFF78B0C8)
YUV	161.9920, 18.7379, -36.8270
Hunter-Lab	62.6210, -13.5357, -13.3872

Details

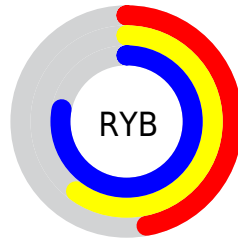
The Hex color **78B0C8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C89078**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AFE8FF**, and **427B92** is the 20% darker color. If you saturate the color by 10%, you get **64AAC8**, and if you desaturate by 10%, it is **8CB6C8**.

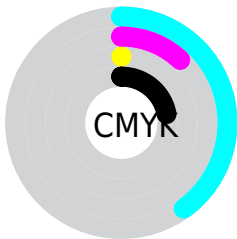
Distribution



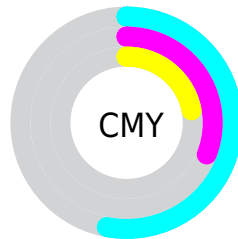
- Red (47%)
- Green (69%)
- Blue (78%)



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



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 78B0C8 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 78B0C8 by changing the saturation by 10% instead.

 78B0C8

 78B0C8

FFFFFF

 5D95AD

 AFE8FF

 427B92

 CCFFFF

 266378

 E8FFFF

 004B5F

 003448

 001F31

 00021D

 000000

 78B0C8

 78B0C8

■ 64AAC8

■ 8CB6C8

■ 50A4C8

■ A0BCC8

■ 3C9EC8

■ B4C2C8

■ 2898C8

■ C8C8C8

■ 1492C8

■ DCCEC8

■ 008CC8

■ F0D4C8

■ FFDAC8

■ FFE0C8

■ FFE6C8

Harmonies

Analogous

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



71B3B9



78B0C8



8EABCF

Triad

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



78B0C8



CD9AAB



A5AC85

Complementary

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



78B0C8



C89078

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.



B9A681



78B0C8



D19B98

Square

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



78B0C8



BF9EBE



C9A088



8EB192

Rectangle

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



78B0C8



9FA6CE



C9A088



ACAA82

Sweetspot

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



78B0C8



E0F6FF



78C890



6E7A80



000000



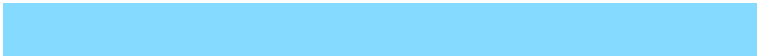
808080

Same Dimension

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



78B0C8



85DAFF



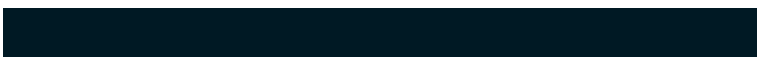
7888C8



5A6063



0072A3



001924

Inverse Universe

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



C878B0



FF85DA



C8B878



635A60



A30072



240019

Previews

White Background



This preview shows how the Hex color 78B0C8 looks on a white background.

Color Contrast Check

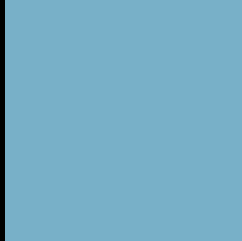
Large Text (above 18pt) WCAG AA × Fail

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 78B0C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

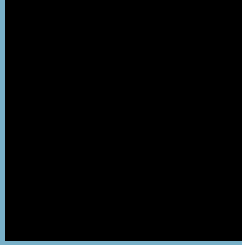
Any Text WCAG AA ✓ Pass

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 78B0C8 Background



This preview shows how black text looks on a background with the Hex color 78B0C8.

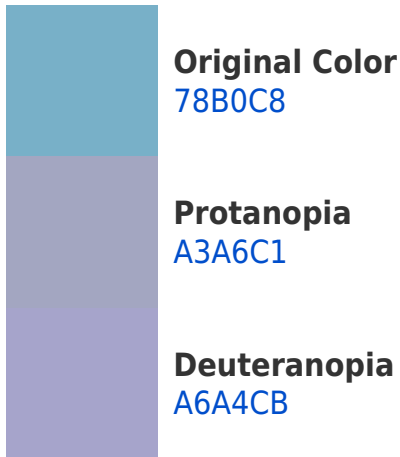


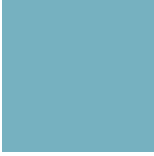
This preview shows how white text looks on a background with the Hex color 78B0C8.

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](#).

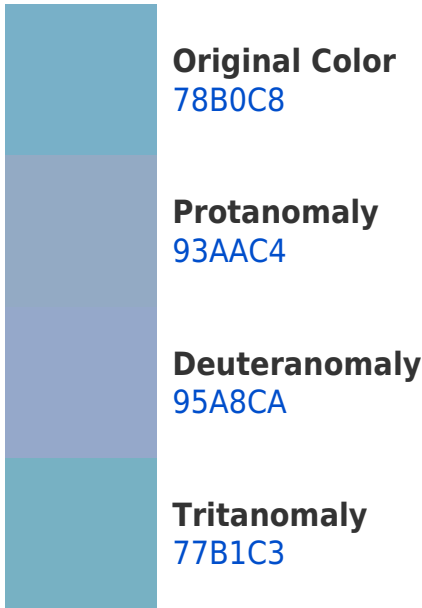
Dichromacy



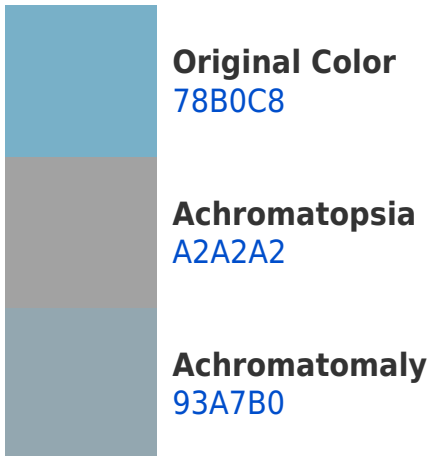


Tritanopia
76B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B0C8 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 #78B0C8 looks like.

```
.text, #text, p{  
    color:#78B0C8  
}
```

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 #78B0C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B0C8 }  
}
```

Border

The CSS property to change the border of an element to Hex 78B0C8 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 #78B0C8 }  
}
```

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

```
.border{ border-color:#78B0C8 }
```

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

Here you see how a box with a 4 pixel #78B0C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B0C8; -webkit-box-shadow:4px 4px  
4px 4px #78B0C8; box-shadow:4px 4px 4px  
4px #78B0C8 }
```

Background

The CSS property to change the background color of an element to Hex 78B0C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B0C8 }
```

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

```
.background{ background-color:#78B0C8 }
```

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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