

Converting Colors

Hex(78B0C2)

Have a look what the booklet for
Hex(78B0C2) contains.

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Color

Hex(78B0C2)

Conversions

Conversions Part 1

Format	Color
Hex	78B0C2
RGB	120, 176, 194
RGB Percent	47%, 69%, 76%
CMY	0.5294, 0.3098, 0.2392
CMYK	0.38, 0.09, 0.00, 0.24
HSL	195°, 38%, 62%
HSV	195°, 38%, 76%
XYZ	33.0087, 38.9388, 56.8151
YIQ	161.3080, -39.1540, -6.2740

Conversions

Conversions Part 2

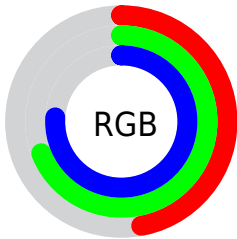
Format	Color
RYB	120, 152, 194
Decimal	7909570
CIELab	68.71, -13.66, -14.97
CIELCh	69, 20.267, 227.609
Yxy	38.9388, 0.2564, 0.3024
Android (android.graphics.Color)	4286099650 (0xFF78B0C2)
YUV	161.3080, 16.1172, -36.2271
Hunter-Lab	62.4009, -14.7793, -10.3020

Details

The Hex color **78B0C2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C28A78**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **AFE8FB**, and **437B8C** is the 20% darker color. If you saturate the color by 10%, you get **65ABC2**, and if you desaturate by 10%, it is **8BB5C2**.

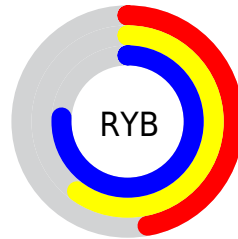
Distribution



Red (47%)

Green (69%)

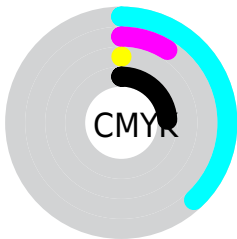
Blue (76%)



Red (47%)

Yellow (60%)

Blue (76%)

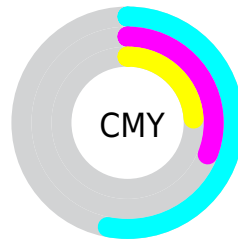


Cyan (38%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (53%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B0C2 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 78B0C2 by changing the saturation by 10% instead.

 78B0C2

 78B0C2

FFFFFF

 5D95A7

 AFE8FB

 437B8C

 CBFFFF

 276273

 E8FFFF

 024B5A

 003443

 001F2D

 000118

 000000

 78B0C2

 78B0C2

■ 65ABC2

■ 8BB5C2

■ 51A7C2

■ 9FB9C2

■ 3EA2C2

■ B2BEC2

■ 2A9DC2

■ C6C3C2

■ 1798C2

■ D9C8C2

■ 0494C2

■ ECCCC2

■ 0093C2

■ FFD1C2

■ FFD6C2

■ FFDAC2

Harmonies

Analogous

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



76B2B2



78B0C2



89ACCB

Triad

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



78B0C2



C89BB0



AAAA85

Complementary

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



78B0C2



C28A78

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.



BDA484



78B0C2



CE9B9D

Square

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



78B0C2



B89FC0



CA9E8D



95AF8E

Rectangle

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



78B0C2



98A8CC



CA9E8D



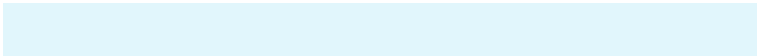
B1A883

Sweetspot

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



78B0C2



E1F6FC



78C289



6F7B80



000000



808080

Same Dimension

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



78B0C2



88E0FC



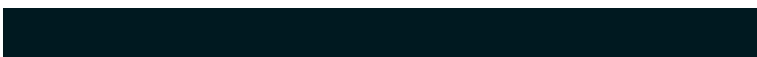
788CC2



575F61



007AA1



001921

Inverse Universe

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



C278B0



FC88E0



C2AE78



61575F



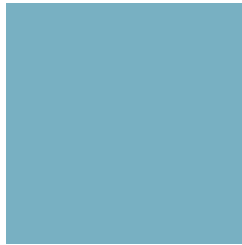
A1007A



210019

Previews

White Background



This preview shows how the Hex color 78B0C2 looks on a white background.

Color Contrast Check

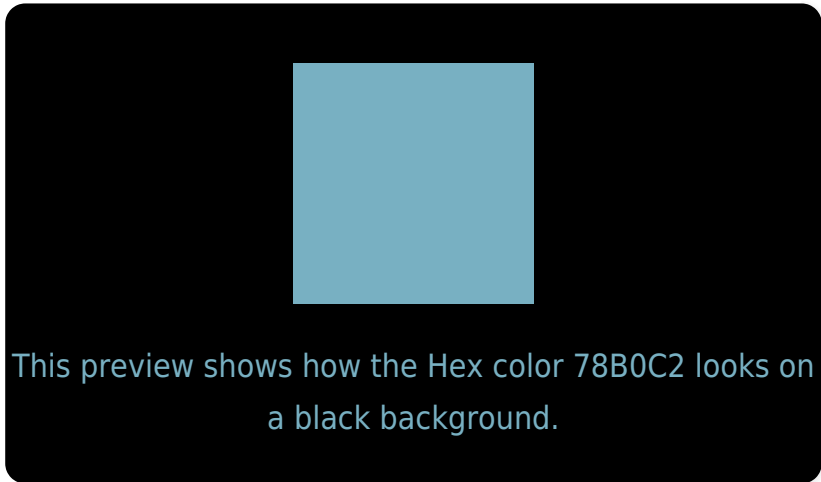
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

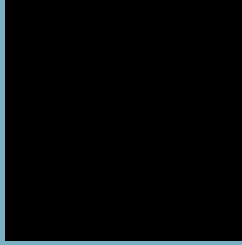
Any Text WCAG AA ✓ Pass

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 78B0C2 Background



This preview shows how black text looks on a background with the Hex color 78B0C2.

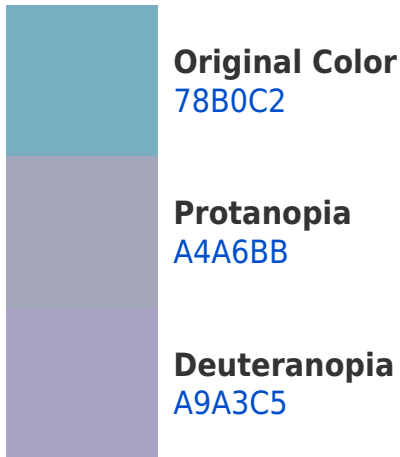


This preview shows how white text looks on a background with the Hex color 78B0C2.

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](#).

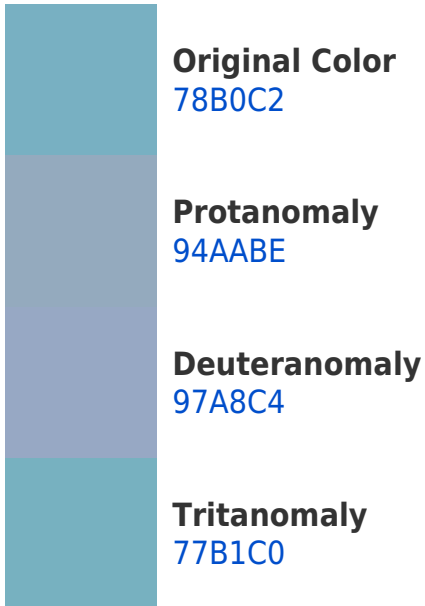
Dichromacy



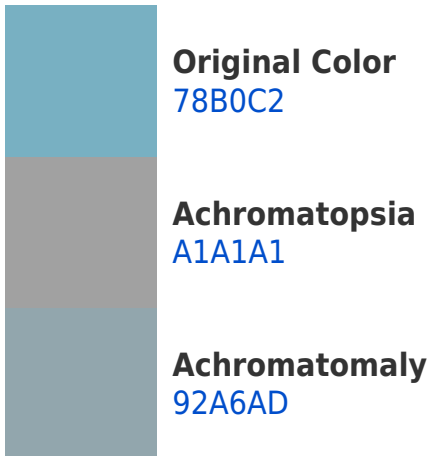


Tritanopia
77B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B0C2 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 #78B0C2 looks like.

```
.text, #text, p{  
    color:#78B0C2  
}
```

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 #78B0C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B0C2
}
```

Border

The CSS property to change the border of an element to Hex 78B0C2 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
#78B0C2 }
```

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

```
.border{ border-color:#78B0C2 }
```

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

Here you see how a box with a 4 pixel #78B0C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B0C2; -webkit-box-shadow:4px 4px  
4px 4px #78B0C2; box-shadow:4px 4px 4px  
4px #78B0C2 }
```

Background

The CSS property to change the background color of an element to Hex 78B0C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B0C2 }
```

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

```
.background{ background-color:#78B0C2 }
```

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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