

Converting Colors

Hex(78A6BD)

Have a look what the booklet for
Hex(78A6BD) contains.

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Color

Hex(78A6BD)

Conversions

Conversions Part 1

Format	Color
Hex	78A6BD
RGB	120, 166, 189
RGB Percent	47%, 65%, 74%
CMY	0.5294, 0.3490, 0.2588
CMYK	0.37, 0.12, 0.00, 0.26
HSL	200°, 34%, 61%
HSV	200°, 37%, 74%
XYZ	30.5673, 34.9396, 53.2771
YIQ	154.8680, -34.7990, -2.5990

Conversions

Conversions Part 2

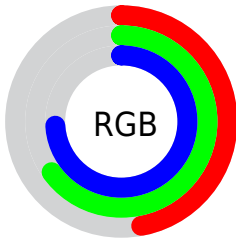
Format	Color
RYB	120, 148, 189
Decimal	7907005
CIELab	65.70, -9.60, -16.74
CIElCh	66, 19.292, 240.166
Yxy	34.9396, 0.2573, 0.2941
Android (android.graphics.Color)	4286097085 (0xFF78A6BD)
YUV	154.8680, 16.8271, -30.5792
Hunter-Lab	59.1098, -11.1349, -12.0627

Details

The Hex color **78A6BD** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BD8F78**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **AEDDF5**, and **447288** is the 20% darker color. If you saturate the color by 10%, you get **65A0BD**, and if you desaturate by 10%, it is **8BACBD**.

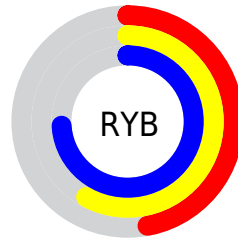
Distribution



Red (47%)

Green (65%)

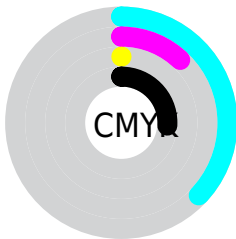
Blue (74%)



Red (47%)

Yellow (58%)

Blue (74%)

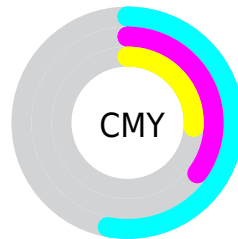


Cyan (37%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A6BD 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 78A6BD by changing the saturation by 10% instead.

 78A6BD

FFFFFF

 AEDDF5

 CBFAFF

 E7FFFF

 78A6BD

 5E8CA2

 447288

 295A6E

 094256

 002C3F

 001829

 000114

 000000

 78A6BD

 78A6BD

65A0BD

8BACBD

5299BD

9EB3BD

3F93BD

B1B9BD

2C8DBD

C4BFBD

1986BD

D7C6BD

0780BD

E9CCBD

007EBD

FCD2BD

FFD8BD

FFDFBD

Harmonies

Analogous

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



70A9B0



78A6BD



8CA1C2

Triad

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



78A6BD



C193A0



9AA481

Complementary

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



78A6BD



BD8F78

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.



AD9E7D



78A6BD



C3958F

Square

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



78A6BD



B696B1



BB9982



86A88E

Rectangle

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



78A6BD



9B9DC0



BB9982



A0A27F

Sweetspot

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



78A6BD



DAECF5



78BD8F



6A757A



FAFAFA



7A7A7A

Same Dimension

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



78A6BD



89D1F5



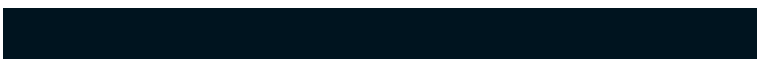
7884BD



555B5E



00699E



00141F

Inverse Universe

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



BD78A6



F589D1



BDB278



5E555B



9E0069



1F0014

Previews

White Background



This preview shows how the Hex color 78A6BD looks on a white background.

Color Contrast Check

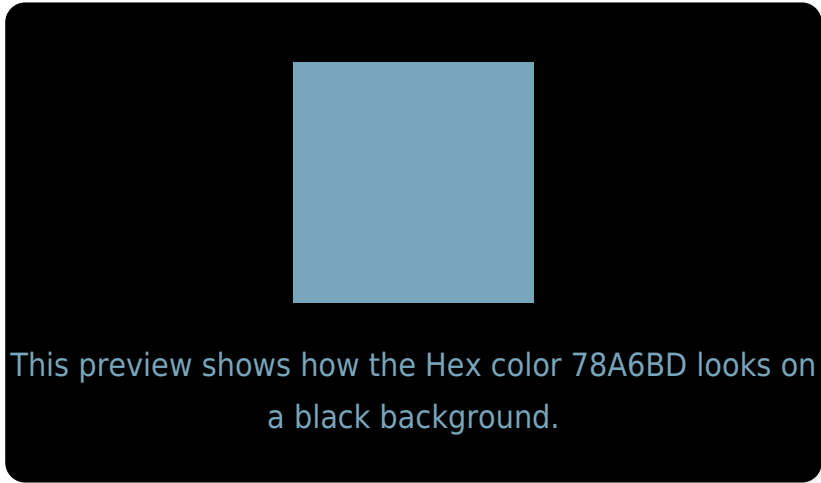
Large Text (above 18pt) WCAG AA × Fail

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

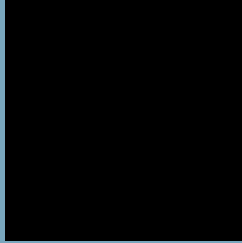
Any Text WCAG AA ✓ Pass

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 78A6BD Background



This preview shows how black text looks on a background with the Hex color 78A6BD.

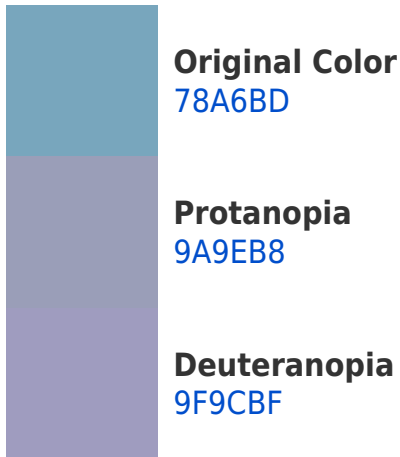


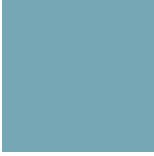
This preview shows how white text looks on a background with the Hex color 78A6BD.

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](#).

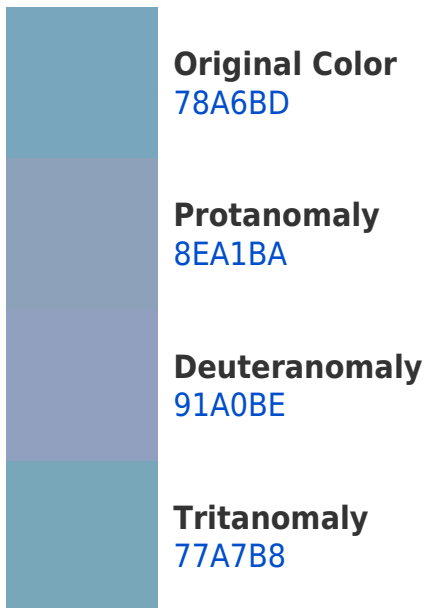
Dichromacy



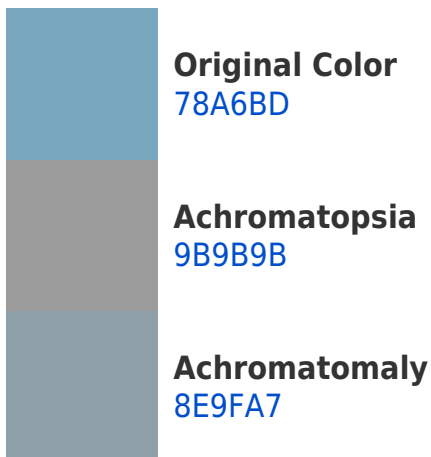


Tritanopia
76A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A6BD 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 #78A6BD looks like.

```
.text, #text, p{  
    color:#78A6BD  
}
```

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 #78A6BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A6BD
}
```

Border

The CSS property to change the border of an element to Hex 78A6BD 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
#78A6BD }
```

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

```
.border{ border-color:#78A6BD }
```

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

Here you see how a box with a 4 pixel #78A6BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A6BD; -webkit-box-shadow:4px 4px  
4px 4px #78A6BD; box-shadow:4px 4px 4px  
4px #78A6BD }
```

Background

The CSS property to change the background color of an element to Hex 78A6BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A6BD }
```

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

```
.background{ background-color:#78A6BD }
```

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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