

Converting Colors

Hex(78BBD6)

Have a look what the booklet for
Hex(78BBD6) contains.

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Color

Hex(78BBD6)

Conversions

Conversions Part 1

Format	Color
Hex	78BBD6
RGB	120, 187, 214
RGB Percent	47%, 73%, 84%
CMY	0.5294, 0.2667, 0.1608
CMYK	0.44, 0.13, 0.00, 0.16
HSL	197°, 53%, 65%
HSV	197°, 44%, 84%
XYZ	37.6537, 44.3888, 70.2017
YIQ	170.0450, -48.5990, -5.8070

Conversions

Conversions Part 2

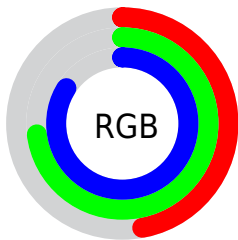
Format	Color
RYB	120, 159, 214
Decimal	7912406
CIELab	72.49, -14.19, -20.21
CIELCh	72, 24.699, 234.929
Yxy	44.3888, 0.2473, 0.2916
Android (android.graphics.Color)	4286102486 (0xFF78BBD6)
YUV	170.0450, 21.6698, -43.8895
Hunter-Lab	66.6249, -15.7127, -15.8356

Details

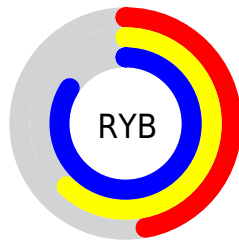
The Hex color **78BBD6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D69378**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B0F3FF**, and **40869F** is the 20% darker color. If you saturate the color by 10%, you get **63B5D6**, and if you desaturate by 10%, it is **8DC1D6**.

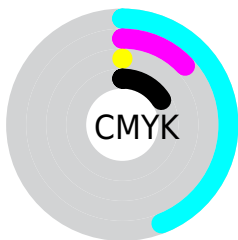
Distribution



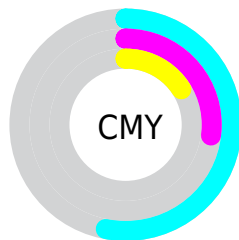
- Red (47%)
- Green (73%)
- Blue (84%)



- Red (47%)
- Yellow (62%)
- Blue (84%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78BBD6 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 78BBD6 by changing the saturation by 10% instead.

 78BBD6

 78BBD6

FFFFFF

 5CA0BA

 B0F3FF

 40869F

 CDFFFF

 206C85

 EAFFFF

 00546C

 003D53

 00273C

 001226

 000110

 000000

 78BBD6

 78BBD6

 63B5D6

 8DC1D6

 4DAFD6

 A3C7D6

 38A9D6

 B8CDD6

 22A2D6

 CED4D6

 0D9CD6

 E3DAD6

 0099D6

 F8E0D6

 FFE6D6

 FFEC D6

 FFF2D6

Harmonies

Analogous

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



71BEC4



78BBD6



91B5DE

Triad

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



78BBD6



DCA2B7



AFB689

Complementary

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



78BBD6



D69378

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.



C6AF85



78BBD6



E0A2A0

Square

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



78BBD6



CBA6CC



D8A88E



95BC97

Rectangle

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



78BBD6



A6B0DD



D8A88E



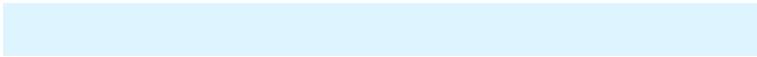
B7B486

Sweetspot

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



78BBD6



DEF5FF



78D693



6B7A80



000000



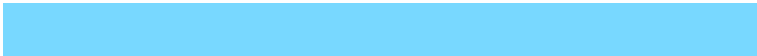
808080

Same Dimension

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



78BBD6



78D8FF



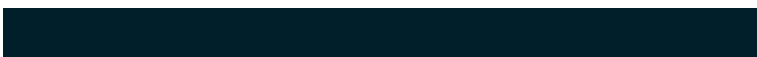
788CD6



60686B



007AAB



001F2B

Inverse Universe

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



D678BB



FF78D8



D6C278



6B6068



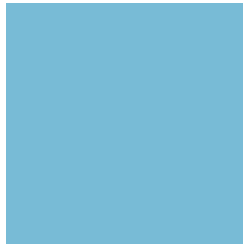
AB007A



2B001F

Previews

White Background



This preview shows how the Hex color 78BBD6 looks on a white background.

Color Contrast Check

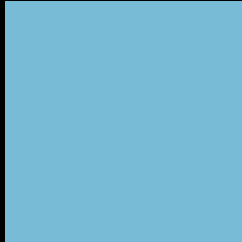
Large Text (above 18pt) WCAG AA × Fail

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 78BBD6 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 78BBD6 Background



This preview shows how black text looks on a background with the Hex color 78BBD6.

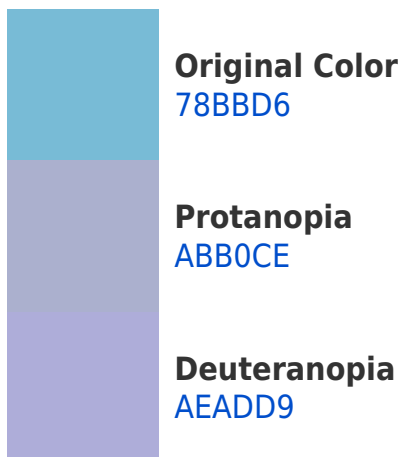


This preview shows how white text looks on a background with the Hex color 78BBD6.

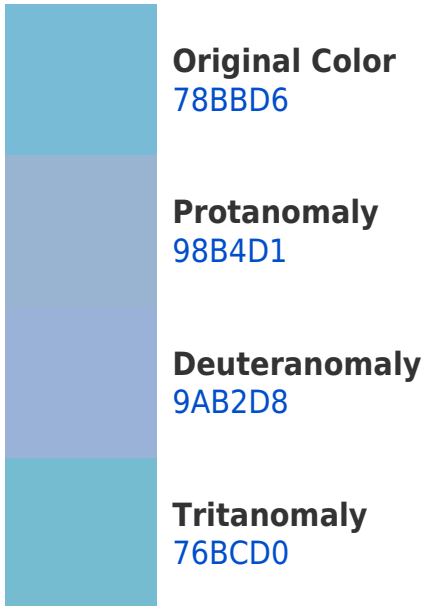
Color Blindness Simulation

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](#).

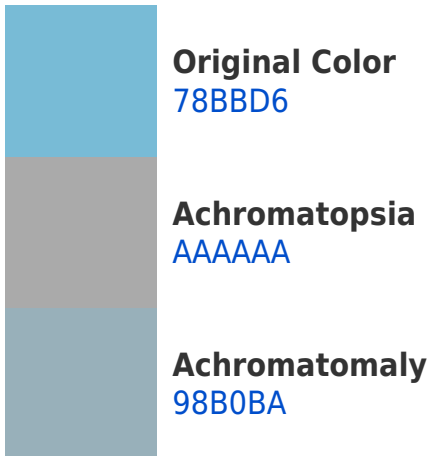
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78BBD6 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 #78BBD6 looks like.

```
.text, #text, p{  
    color:#78BBD6  
}
```

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 #78BBD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78BBD6  
}
```

Border

The CSS property to change the border of an element to Hex 78BBD6 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  
#78BBD6 }
```

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

```
.border{ border-color:#78BBD6 }
```

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

Here you see how a box with a 4 pixel #78BBD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78BBD6; -webkit-box-shadow:4px 4px  
4px 4px #78BBD6; box-shadow:4px 4px 4px  
4px #78BBD6 }
```

Background

The CSS property to change the background color of an element to Hex 78BBD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78BBD6 }
```

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

```
.background{ background-color:#78BBD6 }
```

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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