

# Converting Colors

Hex(76BBCA)

Have a look what the booklet for  
Hex(76BBCA) contains.

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# **Color**

**Hex(76BBCA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76BBCA
RGB	118, 187, 202
RGB Percent	46%, 73%, 79%
CMY	0.5373, 0.2667, 0.2078
CMYK	0.42, 0.07, 0.00, 0.21
HSL	191°, 44%, 63%
HSV	191°, 42%, 79%
XYZ	35.9022, 43.6565, 62.4114
YIQ	168.0790, -45.9390, -9.9630

# Conversions

## Conversions Part 2

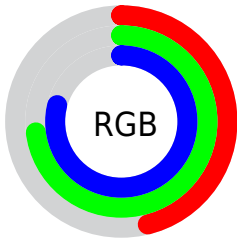
Format	Color
<a href="#">RYB</a>	<a href="#">118, 156, 202</a>
Decimal	<a href="#">7781322</a>
CIELab	<a href="#">72.00, -17.87, -14.42</a>
CIELCh	<a href="#">72, 22.957, 218.896</a>
Yxy	<a href="#">43.6565, 0.2529, 0.3075</a>
Android (android.graphics.Color)	<a href="#">4285971402 (0xFF76BBCA)</a>
YUV	<a href="#">168.0790, 16.7231, -43.9193</a>
Hunter-Lab	<a href="#">66.0730, -18.6360, -9.7531</a>

# Details

The Hex color **76BBCA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CA8576**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **AEF3FF**, and **3F8694** is the 20% darker color. If you saturate the color by 10%, you get **62B7CA**, and if you desaturate by 10%, it is **8ABFCA**.

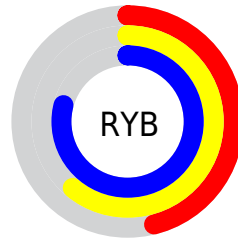
# Distribution



Red (46%)

Green (73%)

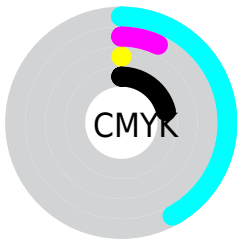
Blue (79%)



Red (46%)

Yellow (61%)

Blue (79%)

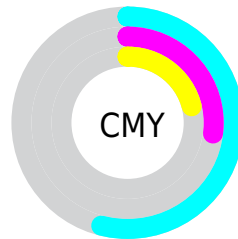


Cyan (42%)

Magenta (7%)

Yellow (0%)

Black (21%)



Cyan (54%)

Magenta (27%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76BBCA 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 76BBCA by changing the saturation by 10% instead.



 76BBCA

 76BBCA

FFFFFF

 5BA0AF

 AEF3FF

 3F8694


 CAFFFF

 206C7A

 E7FFFF

 005461

 003D4A

 002633

 000F1E

 000002

 000000

 76BBCA

 76BBCA

 62B7CA

 8ABFCA

 4EB4CA


 9EC2CA

 39B0CA

 B3C6CA

 25ADCA

 C7C9CA

 11A9CA

 DBCDCA

 00A6CA

 EFD1CA

 FFD4CA

 FFD8CA

 FFDBCA

# Harmonies

## Analogous

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



79BDB6



76BBCA



85B7D7

# Triad

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



76BBCA



D1A3C0



BAB187

# Complementary

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



76BBCA



CA8576

# 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.



CDA8A



76BCA



DBA1AB

# Square

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



76BBCA



BCA9D1



D9A497



A2B78F

# Rectangle

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



76BBCA



96B3DA



D9A497



C1AF87

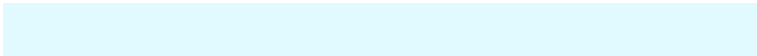


# Sweetspot

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



76BBCA



E0FAFF



76CA84



6E7C80



000000



808080



# Same Dimension

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



76BBCA



80E8FF



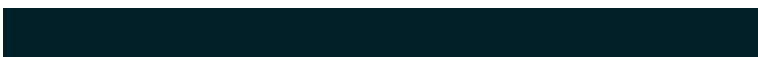
7692CA



5C6466



0088A6



001F26



# Inverse Universe

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



CA76BB



FF80E8



CAAE76



665C64



A60088

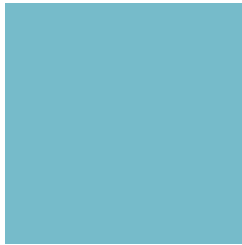


26001F



# Previews

## White Background



This preview shows how the Hex color 76BBCA looks on a white background.

## Color Contrast Check

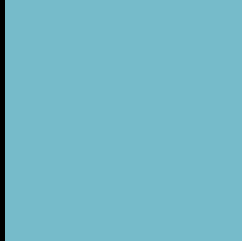
Large Text (above 18pt) WCAG AA × Fail

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 76BBCA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

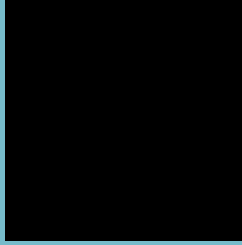
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76BBCA Background



This preview shows how black text looks on a background with the Hex color 76BBCA.

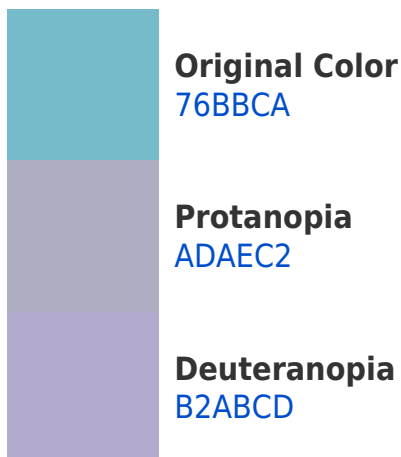


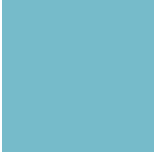
This preview shows how white text looks on a background with the Hex color 76BBCA.

# 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](#).

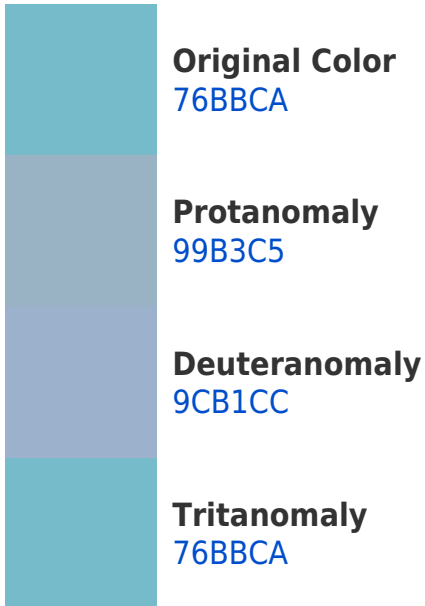
## Dichromacy



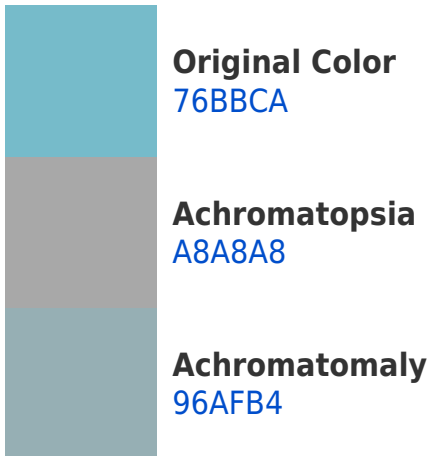


**Tritanopia**  
76BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76BBCA 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 #76BBCA looks like.

```
.text, #text, p{  
    color:#76BBCA  
}
```

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 #76BBCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BBCA
}
```

## Border

The CSS property to change the border of an element to Hex 76BBCA 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
#76BBCA }
```

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

```
.border{ border-color:#76BBCA }
```

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

Here you see how a box with a 4 pixel #76BBCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BBCA; -webkit-box-shadow:4px 4px  
4px 4px #76BBCA; box-shadow:4px 4px 4px  
4px #76BBCA }
```

# Background

The CSS property to change the background color of an element to Hex 76BBCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BBCA }
```

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

```
.background{ background-color:#76BBCA }
```

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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