

# Converting Colors

Hex(72BCC8)

Have a look what the booklet for  
Hex(72BCC8) contains.

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# **Color**

**Hex(72BCC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72BCC8
RGB	114, 188, 200
RGB Percent	45%, 74%, 78%
CMY	0.5529, 0.2627, 0.2157
CMYK	0.43, 0.06, 0.00, 0.22
HSL	188°, 44%, 62%
HSV	188°, 43%, 78%
XYZ	35.3480, 43.7140, 61.2182
YIQ	167.2420, -47.9560, -11.9560

# Conversions

## Conversions Part 2

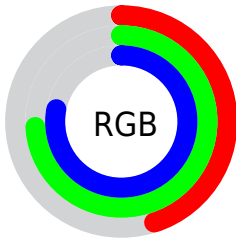
Format	Color
<a href="#">RYB</a>	<a href="#">114, 154, 200</a>
Decimal	<a href="#">7519432</a>
CIELab	<a href="#">72.04, -19.90, -13.28</a>
CIELCh	<a href="#">72, 23.929, 213.718</a>
Yxy	<a href="#">43.7140, 0.2520, 0.3116</a>
Android (android.graphics.Color)	<a href="#">4285709512</a> ( <a href="#">0xFF72BCC8</a> )
YUV	<a href="#">167.2420, 16.1497, -46.6932</a>
Hunter-Lab	<a href="#">66.1165, -20.2723, -8.6158</a>

# Details

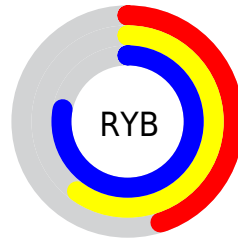
The Hex color **72BCC8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C87E72**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **AAF4FF**, and **3A8792** is the 20% darker color. If you saturate the color by 10%, you get **5EB9C8**, and if you desaturate by 10%, it is **86BFC8**.

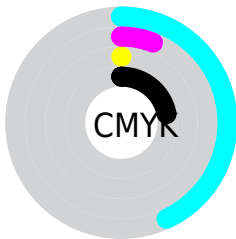
# Distribution



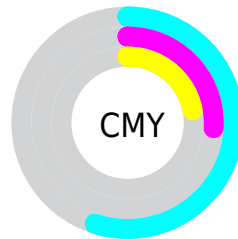
- Red (45%)
- Green (74%)
- Blue (78%)



- Red (45%)
- Yellow (60%)
- Blue (78%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (26%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72BCC8 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 72BCC8 by changing the saturation by 10% instead.



 72BCC8

 72BCC8

FFFFFF

 56A1AD

 AAF4FF

 3A8792

 C7FFFF

 196D78

 E4FFFF

 005560

 003D48

 002731

 000F1D

 000000

 72BCC8

 72BCC8

■ 5EB9C8

■ 86BFC8

■ 4AB6C8

■ 9AC2C8

■ 36B4C8

■ AEC4C8

■ 22B1C8

■ C2C7C8

■ 0EAEC8

■ D6CAC8

■ 00ACC8

■ EACDC8

■ FED0C8

■ FFD2C8

■ FFD5C8

# Harmonies

## Analogous

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



79BDB3



72BCC8



7FB8D7

# Triad

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



72BCC8



CFA4C4



BEB085

# Complementary

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



72BCC8



C87E72

# 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.



D1A98A



72BCC8



DCA1AF

# Square

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



72BCC8



B8AAD5



DCA399



A6B78C

# Rectangle

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



72BCC8



90B4DC



DCA399



C5AE85



# Sweetspot

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



72BCC8



DEFAFF



72C87D



6B7D80



000000



808080

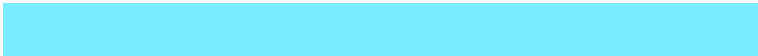


# Same Dimension

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



72BCC8



7AECFF



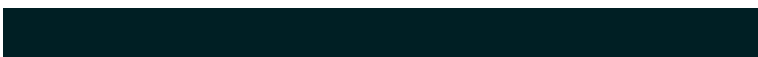
7292C8



5A6263



008CA3



001F24



# Inverse Universe

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



C872BC



FF7AEC



C8A872



635A62



A3008C

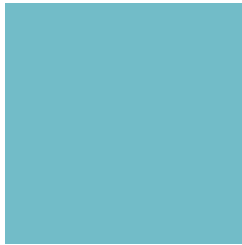


24001F



# Previews

## White Background



This preview shows how the Hex color 72BCC8 looks on a white background.

## Color Contrast Check

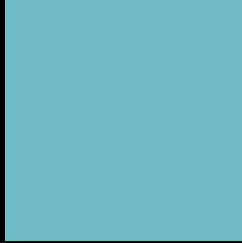
Large Text (above 18pt) WCAG AA × Fail

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 72BCC8 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 72BCC8 Background



This preview shows how black text looks on a background with the Hex color 72BCC8.

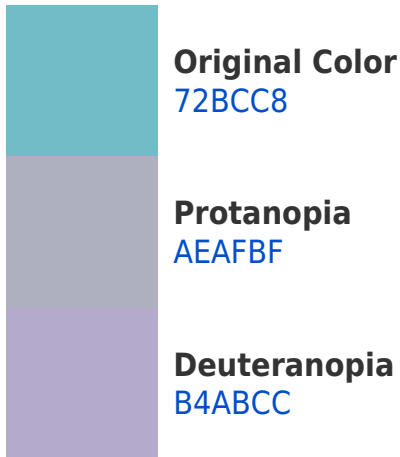


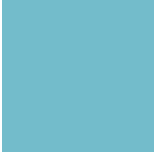
This preview shows how white text looks on a background with the Hex color 72BCC8.

# 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](#).

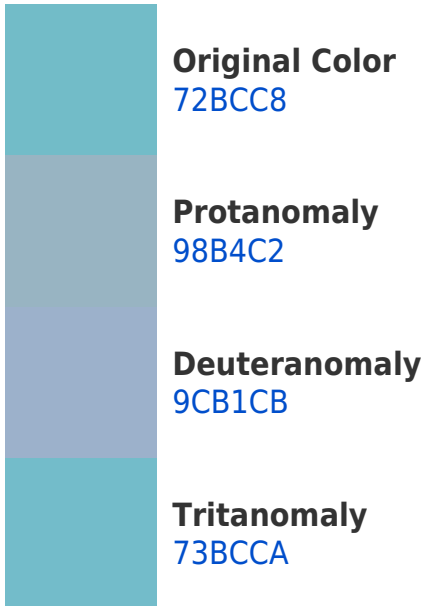
## Dichromacy





**Tritanopia**  
73BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72BCC8 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 #72BCC8 looks like.

```
.text, #text, p{  
    color:#72BCC8  
}
```

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 #72BCC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72BCC8
}
```

## Border

The CSS property to change the border of an element to Hex 72BCC8 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
#72BCC8 }
```

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

```
.border{ border-color:#72BCC8 }
```

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

Here you see how a box with a 4 pixel #72BCC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72BCC8; -webkit-box-shadow:4px 4px  
4px 4px #72BCC8; box-shadow:4px 4px 4px  
4px #72BCC8 }
```

# Background

The CSS property to change the background color of an element to Hex 72BCC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72BCC8 }
```

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

```
.background{ background-color:#72BCC8 }
```

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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