

Converting Colors

Hex(72C4D8)

Have a look what the booklet for
Hex(72C4D8) contains.

Hex(72C4D8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(72C4D8)

Conversions

Conversions Part 1

Format	Color
Hex	72C4D8
RGB	114, 196, 216
RGB Percent	45%, 77%, 85%
CMY	0.5529, 0.2314, 0.1529
CMYK	0.47, 0.09, 0.00, 0.15
HSL	192°, 57%, 65%
HSV	192°, 47%, 85%
XYZ	39.0740, 48.0151, 72.1742
YIQ	173.7620, -55.2920, -11.1640

Conversions

Conversions Part 2

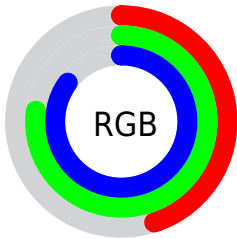
Format	Color
RYB	114, 159, 216
Decimal	7521496
CIELab	74.83, -19.75, -17.77
CIELCh	75, 26.567, 221.986
Yxy	48.0151, 0.2453, 0.3015
Android (android.graphics.Color)	4285711576 (0xFF72C4D8)
YUV	173.7620, 20.8233, -52.4113
Hunter-Lab	69.2930, -20.6072, -13.2502

Details

The Hex color **72C4D8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D88672**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **ABFDFF**, and **378EA1** is the 20% darker color. If you saturate the color by 10%, you get **5CC0D8**, and if you desaturate by 10%, it is **88C8D8**.

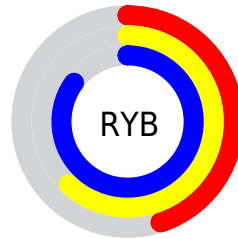
Distribution



Red (45%)

Green (77%)

Blue (85%)



Red (45%)

Yellow (62%)

Blue (85%)

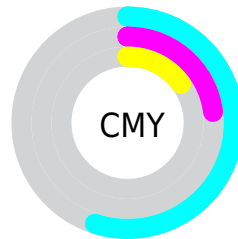


Cyan (47%)

Magenta (9%)

Yellow (0%)

Black (15%)



Cyan (55%)

Magenta (23%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72C4D8 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 72C4D8 by changing the saturation by 10% instead.

 72C4D8

 72C4D8

FFFFFF

 55A9BC

 ABFDFD

 378EA1

 C8FFFF

 0E7487

 E6FFFF

 005C6E

 004455

 002D3E

 001B28

 000113

 000000

 72C4D8

 72C4D8

 5CC0D8

 88C8D8

 47BCD8

 9DCCD8

 31B7D8

 B3D1D8

 1CB3D8

 C8D5D8

 06AFD8

 DED9D8

 00AED8

 F4DDD8

 FFE2D8

 FFE6D8

 FFEAD8

Harmonies

Analogous

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



74C6C1



72C4D8



87BFE6

Triad

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



72C4D8



E0A8C8



C0BA88

Complementary

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



72C4D8



D88672

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.



D7B28A



72C4D8



EAA7AF

Square

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



72C4D8



C8AFDD



E6AA99



A5C193

Rectangle

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



72C4D8



9CBAE9



E6AA99



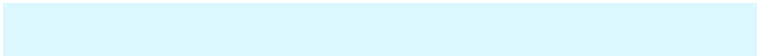
C9B787

Sweetspot

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



72C4D8



DBF8FF



72D885



6A7B80



000000



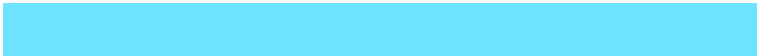
808080

Same Dimension

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



72C4D8



6EE3FF



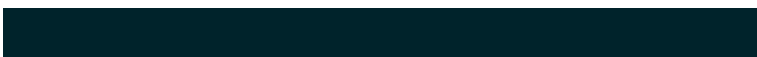
7292D8



60696B



0089AB



00232B

Inverse Universe

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



D872C4



FF6EE3



D8B872



6B6069



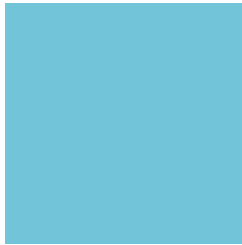
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 72C4D8 looks on a white background.

Color Contrast Check

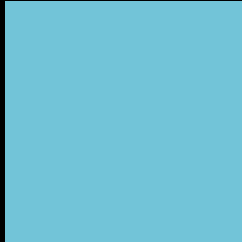
Large Text (above 18pt) WCAG AA × Fail

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 72C4D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

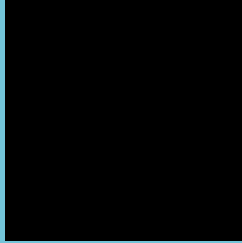
Any Text WCAG AA ✓ Pass

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 72C4D8 Background



This preview shows how black text looks on a background with the Hex color 72C4D8.

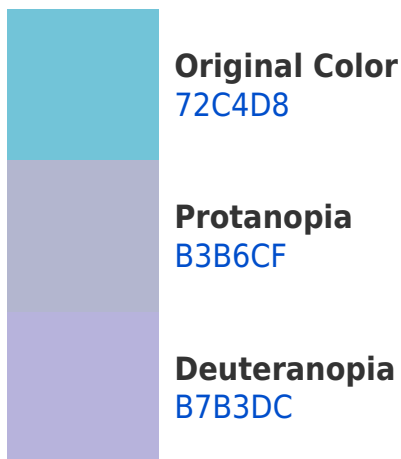


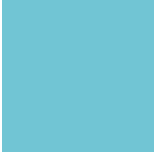
This preview shows how white text looks on a background with the Hex color 72C4D8.

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
71C5D4

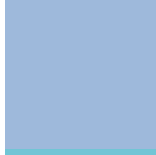
Trichromacy



Original Color
72C4D8



Protanomaly
9BBBD2



Deuteranomaly
9EB9DB

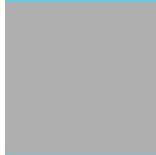


Tritanomaly
71C5D5

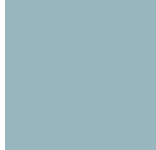
Monochromacy



Original Color
72C4D8



Achromatopsia
AEAEAE



Achromatomaly
98B6BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 72C4D8 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 #72C4D8 looks like.

```
.text, #text, p{  
    color:#72C4D8  
}
```

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 #72C4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C4D8
}
```

Border

The CSS property to change the border of an element to Hex 72C4D8 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
#72C4D8 }
```

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

```
.border{ border-color:#72C4D8 }
```

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

Here you see how a box with a 4 pixel #72C4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C4D8; -webkit-box-shadow:4px 4px  
4px 4px #72C4D8; box-shadow:4px 4px 4px  
4px #72C4D8 }
```

Background

The CSS property to change the background color of an element to Hex 72C4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C4D8 }
```

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

```
.background{ background-color:#72C4D8 }
```

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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