

Converting Colors

Hex(72B7D2)

Have a look what the booklet for
Hex(72B7D2) contains.

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Color

Hex(72B7D2)

Conversions

Conversions Part 1

Format	Color
Hex	72B7D2
RGB	114, 183, 210
RGB Percent	45%, 72%, 82%
CMY	0.5529, 0.2824, 0.1765
CMYK	0.46, 0.13, 0.00, 0.18
HSL	197°, 52%, 64%
HSV	197°, 46%, 82%
XYZ	35.5058, 42.0975, 67.2270
YIQ	165.4470, -49.7910, -6.2310

Conversions

Conversions Part 2

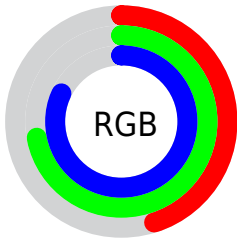
Format	Color
RYB	114, 154, 210
Decimal	7518162
CIELab	70.94, -14.63, -20.41
CIELCh	71, 25.114, 234.362
Yxy	42.0975, 0.2452, 0.2907
Android (android.graphics.Color)	4285708242 (0xFF72B7D2)
YUV	165.4470, 21.9646, -45.1190
Hunter-Lab	64.8826, -15.8638, -16.0145

Details

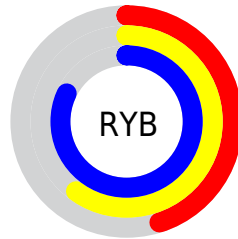
The Hex color **72B7D2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D28D72**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AAEFFF**, and **39829B** is the 20% darker color. If you saturate the color by 10%, you get **5DB1D2**, and if you desaturate by 10%, it is **87BDD2**.

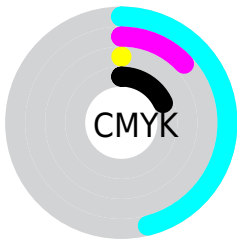
Distribution



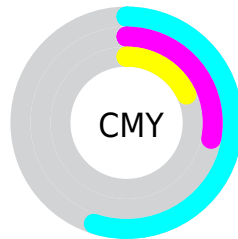
- Red (45%)
- Green (72%)
- Blue (82%)



- Red (45%)
- Yellow (60%)
- Blue (82%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (55%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B7D2 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 72B7D2 by changing the saturation by 10% instead.

 72B7D2

 72B7D2

FFFFFF

 569CB6

 AAFFFF

 39829B

 C7FFFF

 166981

 E4FFFF

 005168

 003A50

 002439

 000924

 00000C

 000000

72B7D2

72B7D2

5DB1D2

87BDD2

48ABD2

9CC3D2

33A5D2

B1C9D2

1E9FD2

C6CFD2

0999D2

DBD5D2

0097D2

F0DAD2

FFE0D2

FFE6D2

FFECD2

Harmonies

Analogous

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



6BBAC0



72B7D2



8CB1DB

Triad

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



72B7D2



D89DB3



ABB284

Complementary

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



72B7D2



D28D72

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.



C3AB80



72B7D2



DC9E9C

Square

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



72B7D2



C7A2C9



D4A389



91B792

Rectangle

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



72B7D2



A1ACDA



D4A389



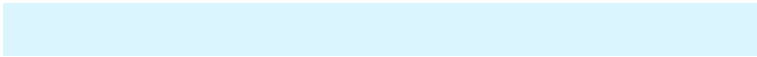
B3B081

Sweetspot

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



72B7D2



DBF5FF



72D28C



6A7980



000000



808080

Same Dimension

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



72B7D2



73D8FF



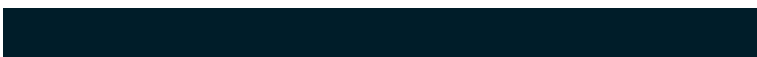
7288D2



5E6669



0079A8



001D29

Inverse Universe

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



D272B7



FF73D8



D2BC72



695E66



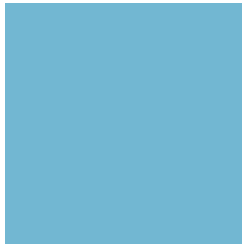
A80079



29001D

Previews

White Background



This preview shows how the Hex color 72B7D2 looks on a white background.

Color Contrast Check

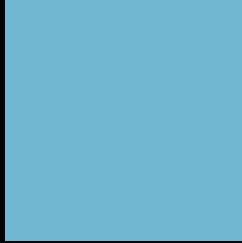
Large Text (above 18pt) WCAG AA × Fail

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 72B7D2 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 72B7D2 Background



This preview shows how black text looks on a background with the Hex color 72B7D2.

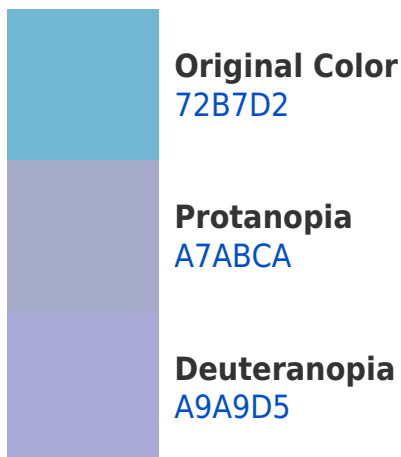


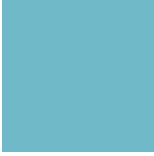
This preview shows how white text looks on a background with the Hex color 72B7D2.

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](#).

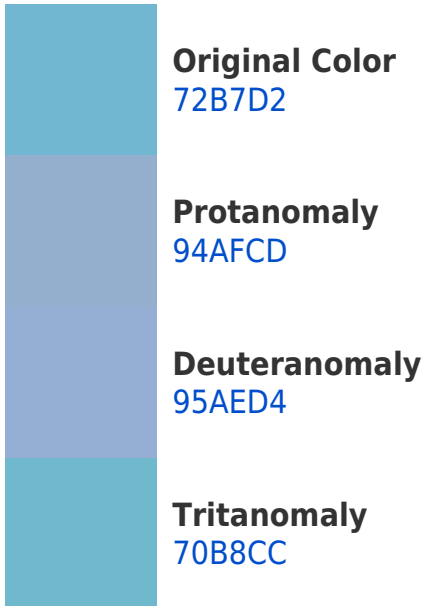
Dichromacy



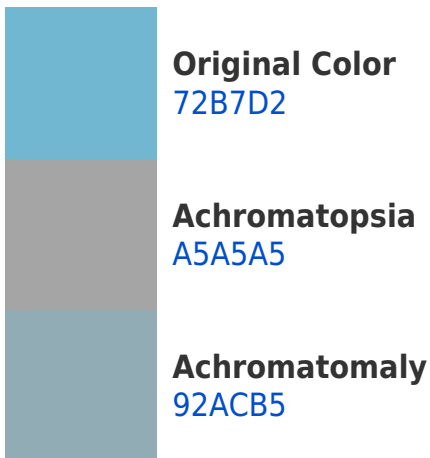


Tritanopia
6FB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72B7D2 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 #72B7D2 looks like.

```
.text, #text, p{  
    color:#72B7D2  
}
```

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 #72B7D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B7D2
}
```

Border

The CSS property to change the border of an element to Hex 72B7D2 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
#72B7D2 }
```

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

```
.border{ border-color:#72B7D2 }
```

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

Here you see how a box with a 4 pixel #72B7D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B7D2; -webkit-box-shadow:4px 4px  
4px 4px #72B7D2; box-shadow:4px 4px 4px  
4px #72B7D2 }
```

Background

The CSS property to change the background color of an element to Hex 72B7D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B7D2 }
```

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

```
.background{ background-color:#72B7D2 }
```

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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