

Converting Colors

Hex(72B0DB)

Have a look what the booklet for
Hex(72B0DB) contains.

Hex(72B0DB)	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(72B0DB)

Conversions

Conversions Part 1

Format	Color
Hex	72B0DB
RGB	114, 176, 219
RGB Percent	45%, 69%, 86%
CMY	0.5529, 0.3098, 0.1412
CMYK	0.48, 0.20, 0.00, 0.14
HSL	205°, 59%, 65%
HSV	205°, 48%, 86%
XYZ	35.2509, 39.7425, 72.8310
YIQ	162.3640, -50.7550, 0.2290

Conversions

Conversions Part 2

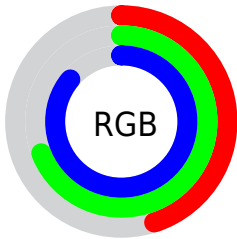
Format	Color
RYB	114, 153, 219
Decimal	7516379
CIELab	69.29, -8.37, -27.87
CIElCh	69, 29.097, 253.273
Yxy	39.7425, 0.2385, 0.2688
Android (android.graphics.Color)	4285706459 (0xFF72B0DB)
YUV	162.3640, 27.9215, -42.4152
Hunter-Lab	63.0417, -10.5113, -24.3675

Details

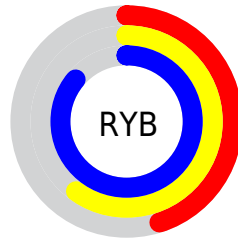
The Hex color **72B0DB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DB9D72**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ABE8FF**, and **387CA4** is the 20% darker color. If you saturate the color by 10%, you get **5CA7DB**, and if you desaturate by 10%, it is **88B9DB**.

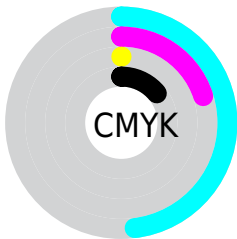
Distribution



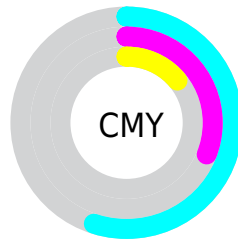
- Red (45%)
- Green (69%)
- Blue (86%)



- Red (45%)
- Yellow (60%)
- Blue (86%)



- Cyan (48%)
- Magenta (20%)
- Yellow (0%)
- Black (14%)



- Cyan (55%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B0DB 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 72B0DB by changing the saturation by 10% instead.

 72B0DB

 72B0DB

FFFFFF

 5695BF

 ABE8FF

 387CA4

 C7FFFF

 126389

 E5FFFF

 004B70

 003457

 001F40

 00032A

 000114

 000000

■ 72B0DB

■ 72B0DB

■ 5CA7DB

■ 88B9DB

■ 469EDB

■ 9EC2DB

■ 3095DB

■ B4CBDB

■ 1A8CDB

■ CAD4DB

■ 0483DB

■ E0DDDB

■ 0081DB

■ F5E6DB

■ FFEFDB

■ FFF8DB

■ FFFFDB

Harmonies

Analogous

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



58B6CC



72B0DB



98A8DC

Triad

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



72B0DB



DE969E



92B282

Complementary

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



72B0DB



DB9D72

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.



B0AB76



72B0DB



DA9A86

Square

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



72B0DB



D497B9



C9A277



74B799

Rectangle

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



72B0DB



B1A1D5



C9A277



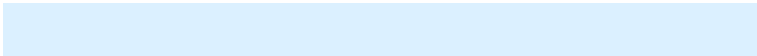
9DB07C

Sweetspot

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



72B0DB



DBF0FF



72DB9C



6A7780



000000



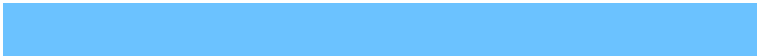
808080

Same Dimension

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



72B0DB



6BC2FF



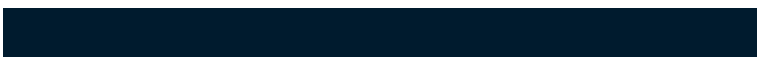
727CDB



63696E



0066AD



001B2E

Inverse Universe

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



DB72B0



FF6BC2



DBD072



6E6369



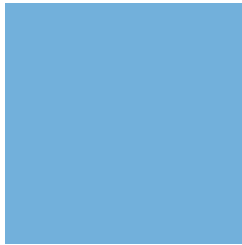
AD0066



2E001B

Previews

White Background



This preview shows how the Hex color 72B0DB looks on a white background.

Color Contrast Check

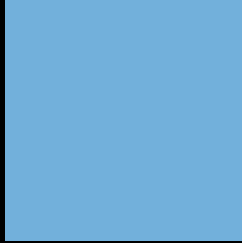
Large Text (above 18pt) WCAG AA × Fail

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 72B0DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

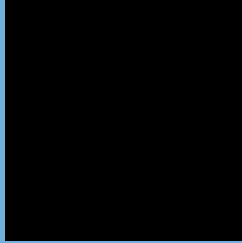
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

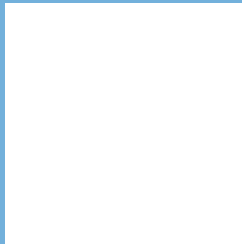
Any Text WCAG AAA ✓ Pass

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

Hex 72B0DB Background



This preview shows how black text looks on a background with the Hex color 72B0DB.

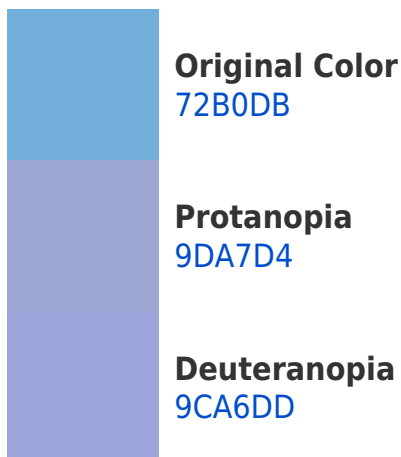


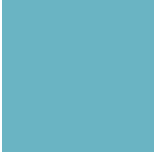
This preview shows how white text looks on a background with the Hex color 72B0DB.

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](#).

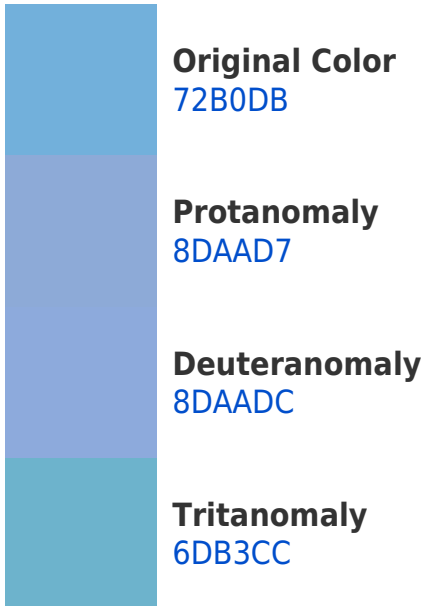
Dichromacy



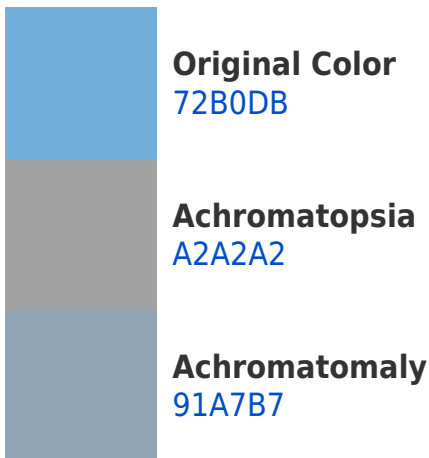


Tritanopia
6AB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72B0DB 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 #72B0DB looks like.

```
.text, #text, p{  
    color:#72B0DB  
}
```

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 #72B0DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B0DB
}
```

Border

The CSS property to change the border of an element to Hex 72B0DB 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
#72B0DB }
```

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

```
.border{ border-color:#72B0DB }
```

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

Here you see how a box with a 4 pixel #72B0DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B0DB; -webkit-box-shadow:4px 4px  
4px 4px #72B0DB; box-shadow:4px 4px 4px  
4px #72B0DB }
```

Background

The CSS property to change the background color of an element to Hex 72B0DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B0DB }
```

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

```
.background{ background-color:#72B0DB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor