

Converting Colors

Hex(72A8DE)

Have a look what the booklet for
Hex(72A8DE) contains.

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Color

Hex(72A8DE)

Conversions

Conversions Part 1

Format	Color
Hex	72A8DE
RGB	114, 168, 222
RGB Percent	45%, 66%, 87%
CMY	0.5529, 0.3412, 0.1294
CMYK	0.49, 0.24, 0.00, 0.13
HSL	210°, 62%, 66%
HSV	210°, 49%, 87%
XYZ	34.1269, 36.8566, 74.4226
YIQ	158.0100, -49.5180, 5.3460

Conversions

Conversions Part 2

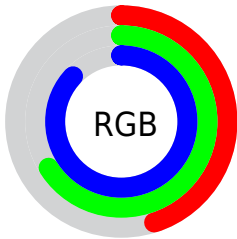
Format	Color
RYB	114, 150, 222
Decimal	7514334
CIELab	67.17, -3.11, -32.78
CIELCh	67, 32.927, 264.578
Yxy	36.8566, 0.2347, 0.2535
Android (android.graphics.Color)	4285704414 (0xFF72A8DE)
YUV	158.0100, 31.5471, -38.5968
Hunter-Lab	60.7096, -5.9012, -30.1856

Details

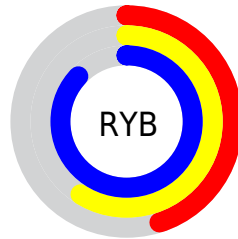
The Hex color **72A8DE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEA872**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ABDFFF**, and **3874A7** is the 20% darker color. If you saturate the color by 10%, you get **5C9DDE**, and if you desaturate by 10%, it is **88B3DE**.

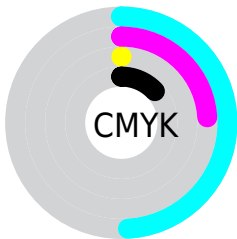
Distribution



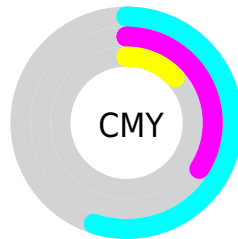
- Red (45%)
- Green (66%)
- Blue (87%)



- Red (45%)
- Yellow (59%)
- Blue (87%)



- Cyan (49%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72A8DE 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 72A8DE by changing the saturation by 10% instead.

 72A8DE

 72A8DE

FFFFFF

 568EC2

 ABDFFF

 3874A7

 C8FCFF

 125C8C

 E5FFFF

 004472

 002E5A

 001A42

 00032B

 000116

 000000

 72A8DE

 72A8DE

 5C9DDE

 88B3DE

 4692DE

 9EBEDE

 2F87DE

 B5C9DE

 197CDE

 CBD4DE

 0371DE

 E1E0DE

 006FDE

 F7EBDE

 FFF6DE

 FFFFDE

Harmonies

Analogous

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



46AFD3



72A8DE



A09ED9

Triad

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



72A8DE



DE8E8C



7CB080

Complementary

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



72A8DE



DEA872

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.



9FA96D



72A8DE



D39674

Square

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



72A8DE



D98DAA



BDA068



58B39D

Rectangle

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



72A8DE



B997CE



BDA068



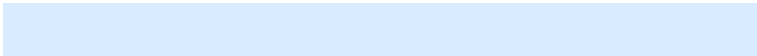
88AE78

Sweetspot

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



72A8DE



D9ECFF



72DEA8



697480



000000



808080

Same Dimension

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



72A8DE



6BB5FF



7272DE



656B70



0058B0



001830

Inverse Universe

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



DE72A8



FF6BB5



DEDE72



70656B



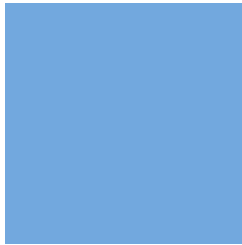
B00058



300018

Previews

White Background



This preview shows how the Hex color 72A8DE looks on a white background.

Color Contrast Check

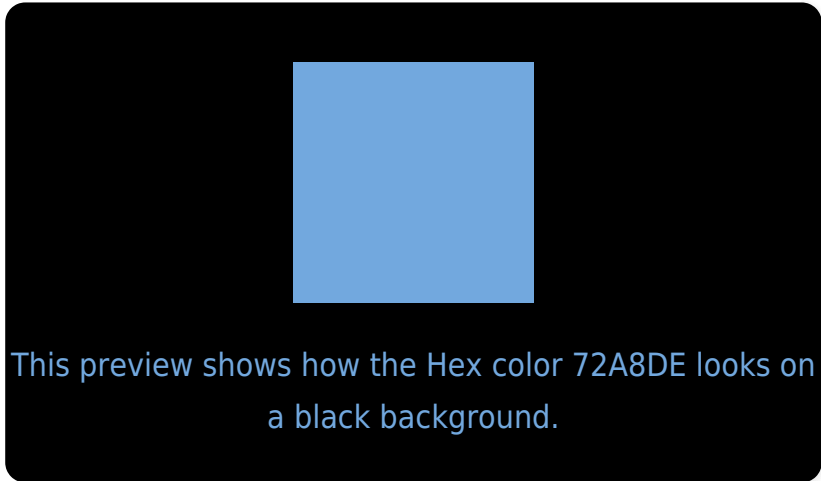
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

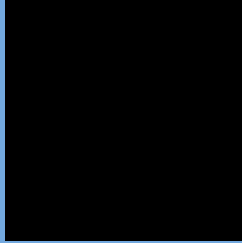
Any Text WCAG AA ✓ Pass

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 72A8DE Background



This preview shows how black text looks on a background with the Hex color 72A8DE.

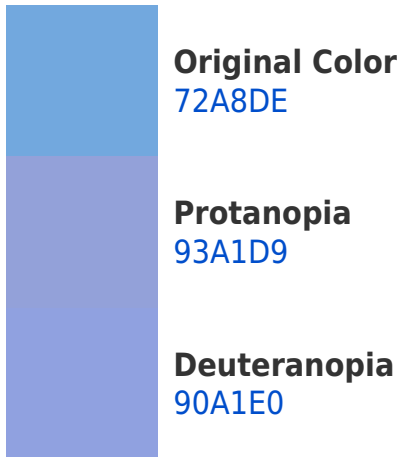


This preview shows how white text looks on a background with the Hex color 72A8DE.

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](#).

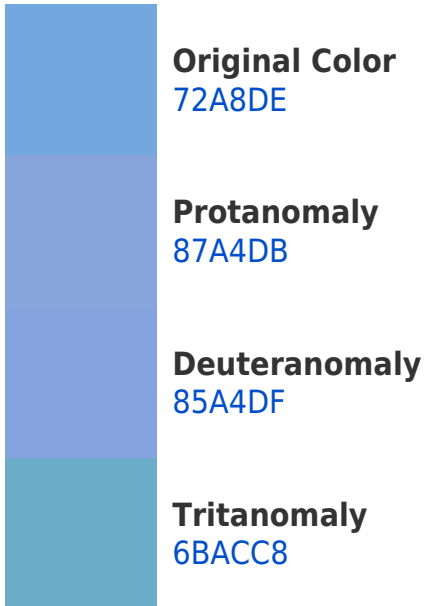
Dichromacy



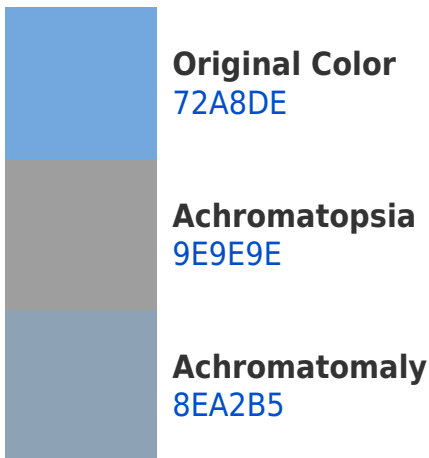


Tritanopia
67AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72A8DE 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 #72A8DE looks like.

```
.text, #text, p{  
    color:#72A8DE  
}
```

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 #72A8DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A8DE
}
```

Border

The CSS property to change the border of an element to Hex 72A8DE 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
#72A8DE }
```

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

```
.border{ border-color:#72A8DE }
```

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

Here you see how a box with a 4 pixel #72A8DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A8DE; -webkit-box-shadow:4px 4px  
4px 4px #72A8DE; box-shadow:4px 4px 4px  
4px #72A8DE }
```

Background

The CSS property to change the background color of an element to Hex 72A8DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A8DE }
```

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

```
.background{ background-color:#72A8DE }
```

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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