

Converting Colors

Hex(72A6D7)

Have a look what the booklet for
Hex(72A6D7) contains.

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Color

Hex(72A6D7)

Conversions

Conversions Part 1

Format	Color
Hex	72A6D7
RGB	114, 166, 215
RGB Percent	45%, 65%, 84%
CMY	0.5529, 0.3490, 0.1569
CMYK	0.47, 0.23, 0.00, 0.16
HSL	209°, 56%, 65%
HSV	209°, 47%, 84%
XYZ	32.8414, 35.7561, 69.4607
YIQ	156.0380, -46.7210, 4.2150

Conversions

Conversions Part 2

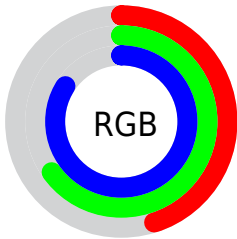
Format	Color
RYB	114, 148, 215
Decimal	7513815
CIELab	66.33, -4.03, -30.22
CIELCh	66, 30.483, 262.409
Yxy	35.7561, 0.2379, 0.2590
Android (android.graphics.Color)	4285703895 (0xFF72A6D7)
YUV	156.0380, 29.0683, -36.8673
Hunter-Lab	59.7964, -6.6080, -27.0149

Details

The Hex color **72A6D7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D7A372**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **AADDFF**, and **3972A0** is the 20% darker color. If you saturate the color by 10%, you get **5D9CD7**, and if you desaturate by 10%, it is **88B0D7**.

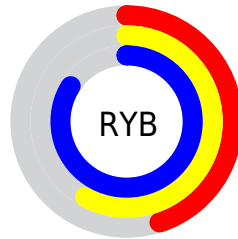
Distribution



Red (45%)

Green (65%)

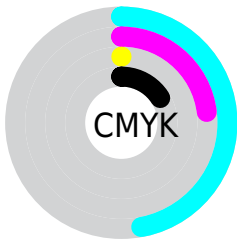
Blue (84%)



Red (45%)

Yellow (58%)

Blue (84%)

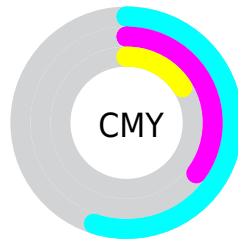


Cyan (47%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (55%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72A6D7 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 72A6D7 by changing the saturation by 10% instead.

 72A6D7

 72A6D7

FFFFFF

 568CBB

 AADDFE

 3972A0

 C7F9FF

 165A86

 E4FFFF

 00436C

 002D54

 00193C

 000326

 00010F

 000000

■ 72A6D7

■ 72A6D7

■ 5D9CD7

■ 88B0D7

■ 4791D7

■ 9DBBD7

■ 3187D7

■ B3C5D7

■ 1C7CD7

■ C8D0D7

■ 0672D7

■ DEDAD7

■ 006FD7

■ F3E5D7

■ FFEFD7

■ FFF9D7

■ FFFFD7

Harmonies

Analogous

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



4EADCC



72A6D7



9B9DD4

Triad

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



72A6D7



D88E8E



80AC7F

Complementary

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



72A6D7



D7A372

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.



9FA66E



72A6D7



CF9477

Square

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



72A6D7



D28DA9



BB9D6B



5FB099

Rectangle

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



72A6D7



B396CA



BB9D6B



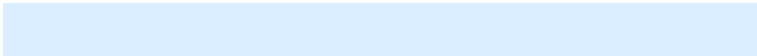
8AAB78

Sweetspot

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



72A6D7



DBE EFF



72D7A3



6A7580



000000



808080

Same Dimension

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



72A6D7



70BAFF



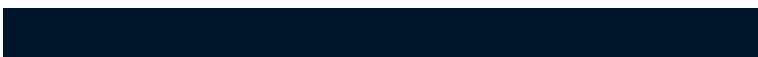
7274D7



60666B



0058AB



00162B

Inverse Universe

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



D772A6



FF70BA



D7D572



6B6066



AB0058



2B0016

Previews

White Background



This preview shows how the Hex color 72A6D7 looks on a white background.

Color Contrast Check

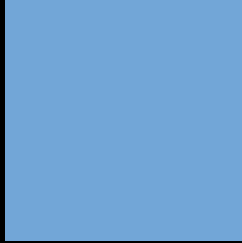
Large Text (above 18pt) WCAG AA × Fail

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 72A6D7 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 72A6D7 Background



This preview shows how black text looks on a background with the Hex color 72A6D7.

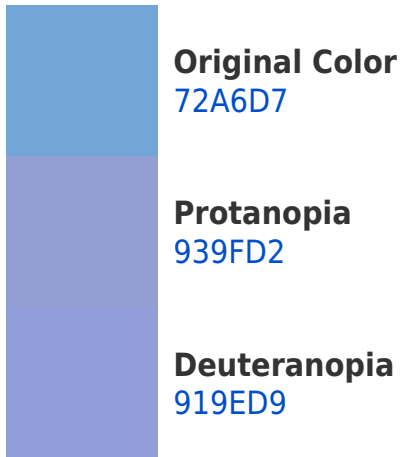


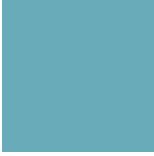
This preview shows how white text looks on a background with the Hex color 72A6D7.

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](#).

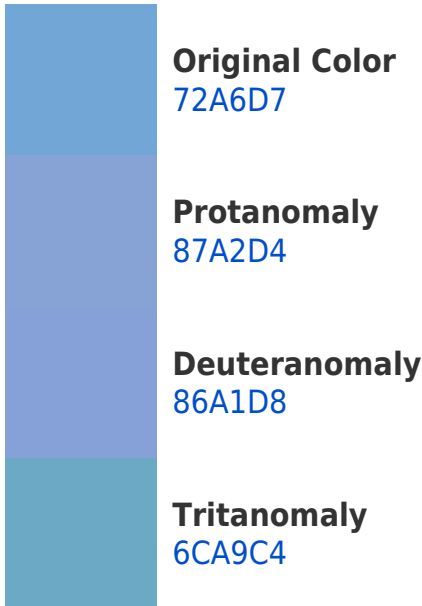
Dichromacy



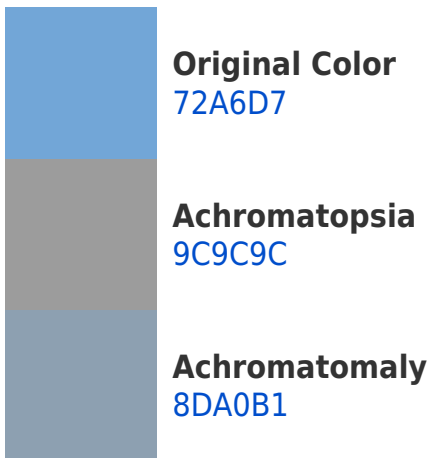


Tritanopia
69ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72A6D7 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 #72A6D7 looks like.

```
.text, #text, p{  
    color:#72A6D7  
}
```

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 #72A6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A6D7  
}
```

Border

The CSS property to change the border of an element to Hex 72A6D7 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  
#72A6D7 }
```

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

```
.border{ border-color:#72A6D7 }
```

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

Here you see how a box with a 4 pixel #72A6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A6D7; -webkit-box-shadow:4px 4px  
4px 4px #72A6D7; box-shadow:4px 4px 4px  
4px #72A6D7 }
```

Background

The CSS property to change the background color of an element to Hex 72A6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A6D7 }
```

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

```
.background{ background-color:#72A6D7 }
```

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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