

Converting Colors

Hex(72A9E4)

Have a look what the booklet for
Hex(72A9E4) contains.

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Color

Hex(72A9E4)

Conversions

Conversions Part 1

Format	Color
Hex	72A9E4
RGB	114, 169, 228
RGB Percent	45%, 66%, 89%
CMY	0.5529, 0.3373, 0.1059
CMYK	0.50, 0.26, 0.00, 0.11
HSL	211°, 68%, 67%
HSV	211°, 50%, 89%
XYZ	35.1310, 37.5548, 78.7960
YIQ	159.2810, -51.7190, 6.6890

Conversions

Conversions Part 2

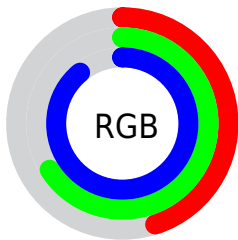
Format	Color
RYB	114, 151, 228
Decimal	7514596
CIELab	67.69, -1.91, -35.27
CIElCh	68, 35.317, 266.901
Yxy	37.5548, 0.2319, 0.2479
Android (android.graphics.Color)	4285704676 (0xFF72A9E4)
YUV	159.2810, 33.8785, -39.7114
Hunter-Lab	61.2820, -4.9151, -33.3374

Details

The Hex color **72A9E4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E4AD72**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ABE0FF**, and **3775AC** is the 20% darker color. If you saturate the color by 10%, you get **5B9DE4**, and if you desaturate by 10%, it is **89B5E4**.

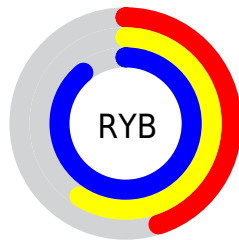
Distribution



Red (45%)

Green (66%)

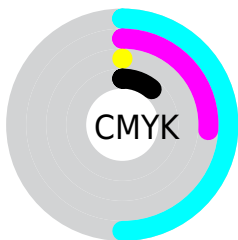
Blue (89%)



Red (45%)

Yellow (59%)

Blue (89%)

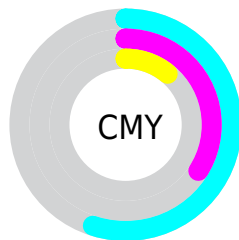


Cyan (50%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (55%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72A9E4 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 72A9E4 by changing the saturation by 10% instead.

 72A9E4

 72A9E4

FFFFFF

 558FC8

 ABE0FF

 3775AC

 C8FDFF

 0C5D92

 E6FFFF

 004578

 002F5F

 001B46

 000430

 00011A

 000000

 72A9E4

 72A9E4

 5B9DE4

 89B5E4

 4491E4

 A0C1E4

 2E86E4

 B6CCE4

 177AE4

 CDD8E4

 006EE4

 E4E4E4

 FBF0E4

 FFFCE4

 FFFFE4

Harmonies

Analogous

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



3DB1D9



72A9E4



A49EDE

Triad

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



72A9E4



E38E8A



77B281

Complementary

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



72A9E4



E4AD72

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.



9DAC6B



72A9E4



D69771

Square

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



72A9E4



DF8DA9



BDA265



4EB6A0

Rectangle

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



72A9E4



BF96D1



BDA265



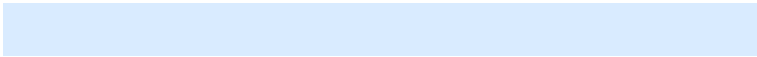
84B178

Sweetspot

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



72A9E4



D9EBFF



72E4AD



697480



000000



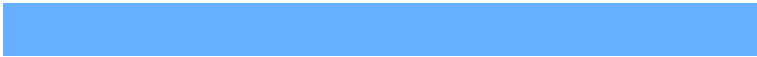
808080

Same Dimension

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



72A9E4



66B0FF



7472E4



676D73



0056B3



001933

Inverse Universe

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



E472A9



FF66B0



E2E472



73676D



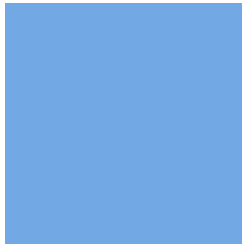
B30056



330019

Previews

White Background



This preview shows how the Hex color 72A9E4 looks on a white background.

Color Contrast Check

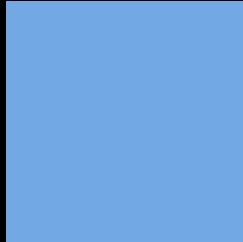
Large Text (above 18pt) WCAG AA × Fail

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 72A9E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

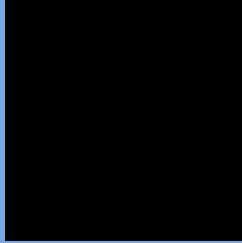
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

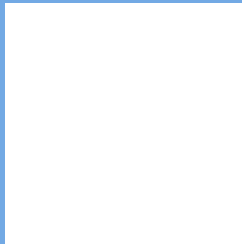
Any Text WCAG AAA ✓ Pass

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

Hex 72A9E4 Background



This preview shows how black text looks on a background with the Hex color 72A9E4.



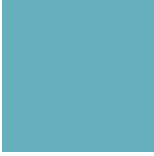
This preview shows how white text looks on a background with the Hex color 72A9E4.

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](#).

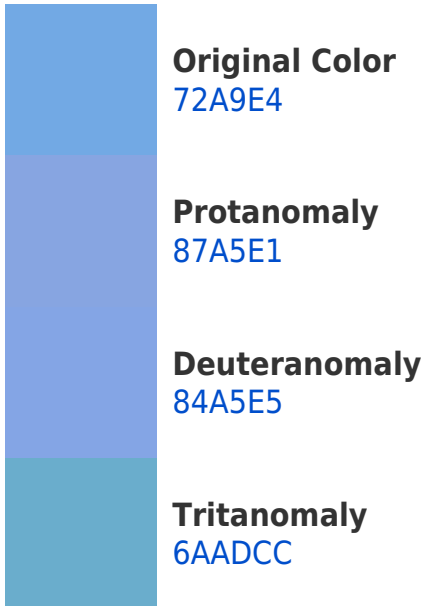
Dichromacy



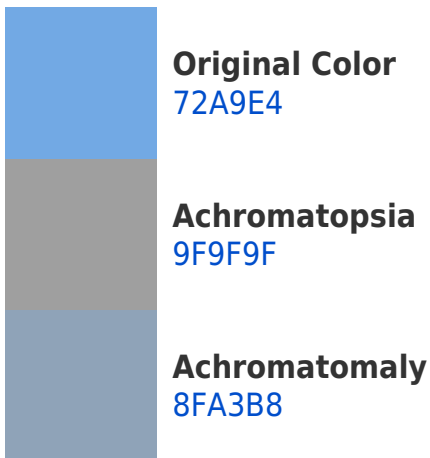


Tritanopia
66B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72A9E4 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 #72A9E4 looks like.

```
.text, #text, p{  
    color:#72A9E4  
}
```

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 #72A9E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A9E4
}
```

Border

The CSS property to change the border of an element to Hex 72A9E4 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
#72A9E4 }
```

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

```
.border{ border-color:#72A9E4 }
```

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

Here you see how a box with a 4 pixel #72A9E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A9E4; -webkit-box-shadow:4px 4px  
4px 4px #72A9E4; box-shadow:4px 4px 4px  
4px #72A9E4 }
```

Background

The CSS property to change the background color of an element to Hex 72A9E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A9E4 }
```

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

```
.background{ background-color:#72A9E4 }
```

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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