

# Converting Colors

Hex(72A7E5)

Have a look what the booklet for  
Hex(72A7E5) contains.

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# **Color**

**Hex(72A7E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72A7E5
RGB	114, 167, 229
RGB Percent	45%, 65%, 90%
CMY	0.5529, 0.3451, 0.1020
CMYK	0.50, 0.27, 0.00, 0.10
HSL	212°, 69%, 67%
HSV	212°, 50%, 90%
XYZ	34.9010, 36.8720, 79.4063
YIQ	158.2210, -51.4900, 8.0460

# Conversions

## Conversions Part 2

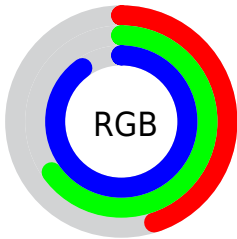
Format	Color
<a href="#">RYB</a>	<a href="#">114, 150, 229</a>
Decimal	<a href="#">7514085</a>
CIELab	<a href="#">67.18, -0.49, -36.61</a>
CIElCh	<a href="#">67, 36.611, 269.227</a>
Yxy	<a href="#">36.8720, 0.2309, 0.2439</a>
Android (android.graphics.Color)	<a href="#">4285704165 (0xFF72A7E5)</a>
YUV	<a href="#">158.2210, 34.8940, -38.7818</a>
Hunter-Lab	<a href="#">60.7223, -3.6686, -35.0276</a>

# Details

The Hex color **72A7E5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E5B072**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ABDEFF**, and **3673AD** is the 20% darker color. If you saturate the color by 10%, you get **5B9BE5**, and if you desaturate by 10%, it is **89B3E5**.

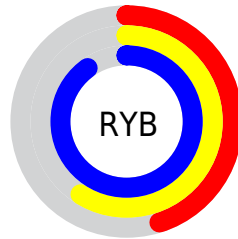
# Distribution



Red (45%)

Green (65%)

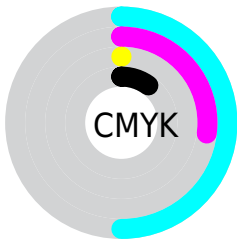
Blue (90%)



Red (45%)

Yellow (59%)

Blue (90%)

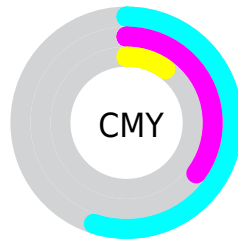


Cyan (50%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (55%)

Magenta (35%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72A7E5 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 72A7E5 by changing the saturation by 10% instead.



■ 72A7E5

■ 72A7E5

FFFFFF

■ 558DC9

■ ABDEFF

■ 3673AD

■ C8FAFF

■ 0B5B92

■ E6FFFF

■ 004478

■ 002E5F

■ 001A47

■ 000430

■ 00011B

■ 000000

 72A7E5

 72A7E5

 5B9BE5

 89B3E5

 448EE5

 A0C0E5

 2D82E5

 B7CCE5

 1676E5

 CED8E5

 006AE5

 E5E5E5

 FBF1E5

 FFFDE5

 FFFF E5

# Harmonies

## Analogous

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



36B0DB



72A7E5



A69BDD

# Triad

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



72A7E5



E38C85



71B281

# Complementary

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



72A7E5



E5B072

# 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.



98AB69



72A7E5



D4966C

# Square

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



72A7E5



E18AA6



BAA161



44B5A2

# Rectangle

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



72A7E5



C193CF



BAA161



7EB077

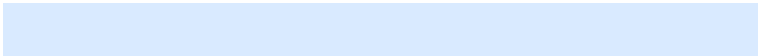


# Sweetspot

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



72A7E5



D9EAFF



72E5AF



697380



000000



808080

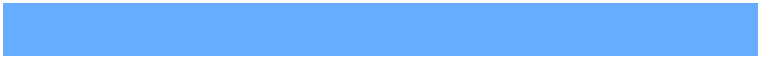


# Same Dimension

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



72A7E5



66ADFF



7672E5



676D73



0052B3



001833



# Inverse Universe

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



E572A7



FF66AD



E1E572



73676D



B30052

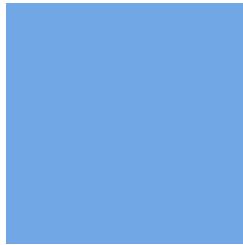


330018



# Previews

## White Background



This preview shows how the Hex color 72A7E5 looks on a white background.

## Color Contrast Check

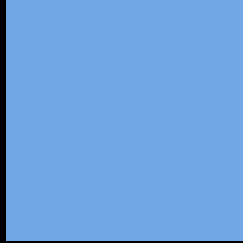
Large Text (above 18pt) WCAG AA × Fail

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 72A7E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

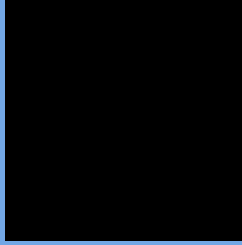
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

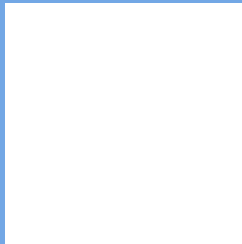
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72A7E5 Background



This preview shows how black text looks on a background with the Hex color 72A7E5.

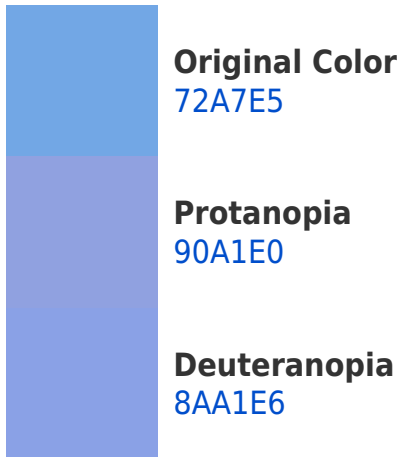


This preview shows how white text looks on a background with the Hex color 72A7E5.

# 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](#).

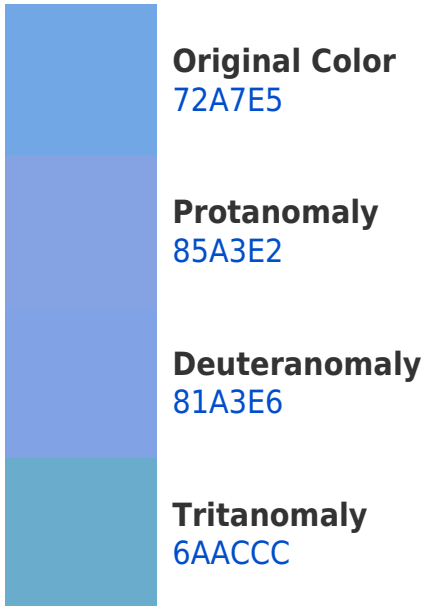
## Dichromacy



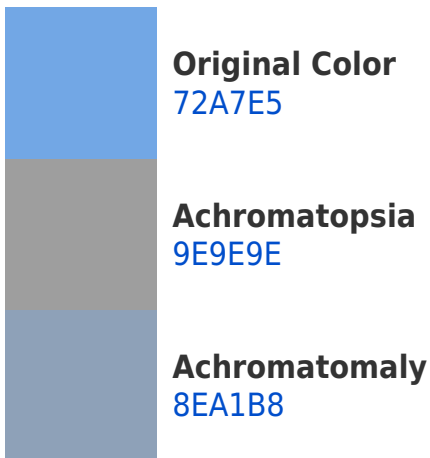


**Tritanopia**  
65AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72A7E5 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 #72A7E5 looks like.

```
.text, #text, p{  
    color:#72A7E5  
}
```

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 #72A7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A7E5
}
```

## Border

The CSS property to change the border of an element to Hex 72A7E5 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
#72A7E5 }
```

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

```
.border{ border-color:#72A7E5 }
```

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

Here you see how a box with a 4 pixel #72A7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A7E5; -webkit-box-shadow:4px 4px  
4px 4px #72A7E5; box-shadow:4px 4px 4px  
4px #72A7E5 }
```

# Background

The CSS property to change the background color of an element to Hex 72A7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A7E5 }
```

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

```
.background{ background-color:#72A7E5 }
```

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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