

# Converting Colors

Hex(79A6D5)

Have a look what the booklet for  
Hex(79A6D5) contains.

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# **Color**

**Hex(79A6D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79A6D5
RGB	121, 166, 213
RGB Percent	47%, 65%, 84%
CMY	0.5255, 0.3490, 0.1647
CMYK	0.43, 0.22, 0.00, 0.16
HSL	211°, 52%, 65%
HSV	211°, 43%, 84%
XYZ	33.5316, 36.1415, 68.1595
YIQ	157.9030, -41.9070, 5.0770

# Conversions

## Conversions Part 2

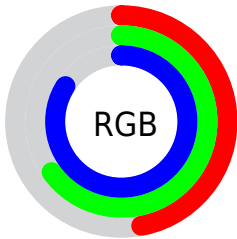
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 151, 213
Decimal	7972565
CIELab	66.63, -2.86, -28.63
CIELCh	67, 28.768, 264.302
Yxy	36.1415, 0.2433, 0.2622
Android (android.graphics.Color)	4286162645 (0xFF79A6D5)
YUV	157.9030, 27.1628, -32.3639
Hunter-Lab	60.1178, -5.6450, -25.1385

# Details

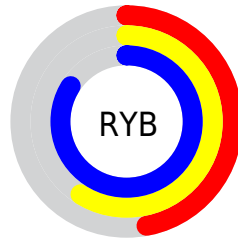
The Hex color **79A6D5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D5A879**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B1DDFF**, and **42729E** is the 20% darker color. If you saturate the color by 10%, you get **649BD5**, and if you desaturate by 10%, it is **8EB1D5**.

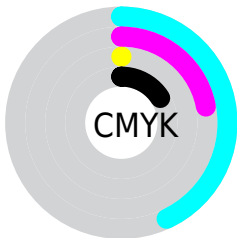
# Distribution



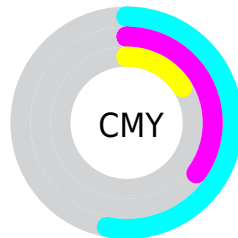
- Red (47%)
- Green (65%)
- Blue (84%)



- Red (47%)
- Yellow (59%)
- Blue (84%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (35%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79A6D5 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 79A6D5 by changing the saturation by 10% instead.



■ 79A6D5

■ 79A6D5

FFFFFF

■ 5E8CB9

■ B1DDFF

■ 42729E

■ CDF9FF

■ 245A84

■ EAFFFF

■ 00436B

■ 002D52

■ 00193B

■ 000225

■ 00010D

■ 000000

■ 79A6D5

■ 79A6D5

■ 649BD5

■ 8EB1D5

■ 4E90D5

■ A4BCD5

■ 3985D5

■ B9C7D5

■ 247AD5

■ CED2D5

■ 0E70D5

■ E4DCD5

■ 0068D5

■ F9E7D5

■ FFF2D5

■ FFFDD5

■ FFFF5

# Harmonies

## Analogous

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



58ADCB



79A6D5



9F9DD1

# Triad

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



79A6D5



D6908E



81AD83

# Complementary

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



79A6D5



D5A879

# 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.



9EA772



79A6D5



CD9679

# Square

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



79A6D5



D18FA8



B99F6F



63B09C

# Rectangle

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



79A6D5



B597C7



B99F6F



8BAB7C

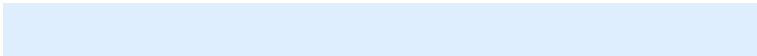


# Sweetspot

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



79A6D5



DDEEFF



79D5A7



6B7580



000000



808080

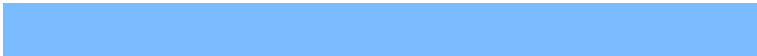


# Same Dimension

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



79A6D5



7ABBFF



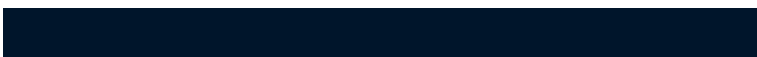
7979D5



60666B



0054AB



00152B



# Inverse Universe

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



D579A6



FF7ABB



D5D579



6B6066



AB0054

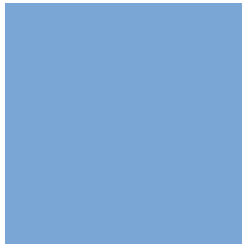


2B0015



# Previews

## White Background



This preview shows how the Hex color 79A6D5 looks on a white background.

## Color Contrast Check

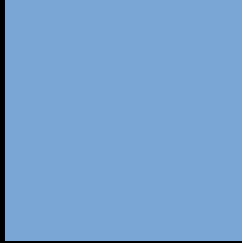
Large Text (above 18pt) WCAG AA × Fail

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 79A6D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

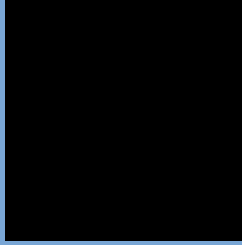
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

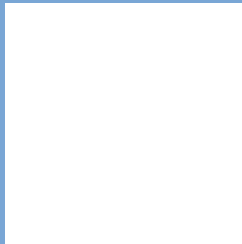
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79A6D5 Background



This preview shows how black text looks on a background with the Hex color 79A6D5.

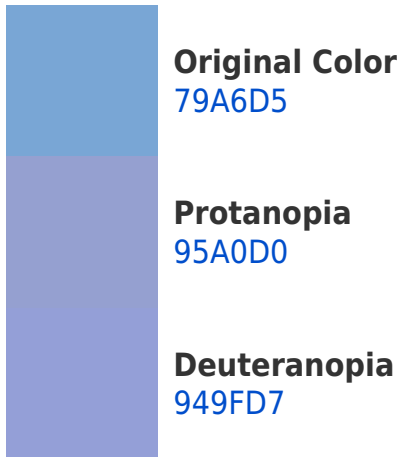


This preview shows how white text looks on a background with the Hex color 79A6D5.

# 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](#).

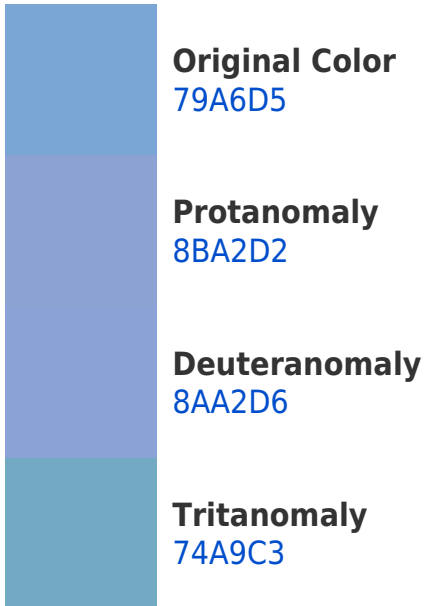
## Dichromacy



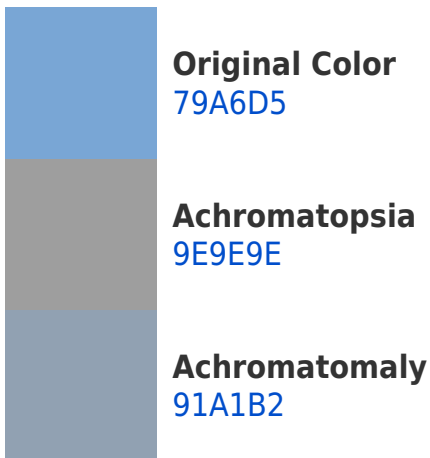


**Tritanopia**  
71ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79A6D5 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 #79A6D5 looks like.

```
.text, #text, p{  
    color:#79A6D5  
}
```

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 #79A6D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79A6D5  
}
```

## Border

The CSS property to change the border of an element to Hex 79A6D5 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  
#79A6D5 }
```

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

```
.border{ border-color:#79A6D5 }
```

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

Here you see how a box with a 4 pixel #79A6D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79A6D5; -webkit-box-shadow:4px 4px  
4px 4px #79A6D5; box-shadow:4px 4px 4px  
4px #79A6D5 }
```

# Background

The CSS property to change the background color of an element to Hex 79A6D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79A6D5 }
```

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

```
.background{ background-color:#79A6D5 }
```

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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