

Converting Colors

Hex(79A3E4)

Have a look what the booklet for
Hex(79A3E4) contains.

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Color

Hex(79A3E4)

Conversions

Conversions Part 1

Format	Color
Hex	79A3E4
RGB	121, 163, 228
RGB Percent	47%, 64%, 89%
CMY	0.5255, 0.3608, 0.1059
CMYK	0.47, 0.29, 0.00, 0.11
HSL	216°, 66%, 68%
HSV	216°, 47%, 89%
XYZ	34.9859, 35.8608, 78.4767
YIQ	157.8520, -45.8970, 11.3110

Conversions

Conversions Part 2

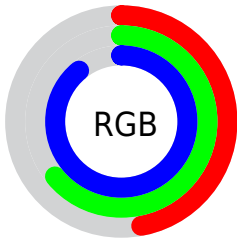
Format	Color
RYB	121, 151, 228
Decimal	7971812
CIELab	66.41, 3.10, -37.23
CIELCh	66, 37.355, 274.767
Yxy	35.8608, 0.2343, 0.2402
Android (android.graphics.Color)	4286161892 (0xFF79A3E4)
YUV	157.8520, 34.5830, -32.3192
Hunter-Lab	59.8839, -0.5117, -35.7797

Details

The Hex color **79A3E4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E4BA79**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B2DAFF**, and **4070AC** is the 20% darker color. If you saturate the color by 10%, you get **6295E4**, and if you desaturate by 10%, it is **90B1E4**.

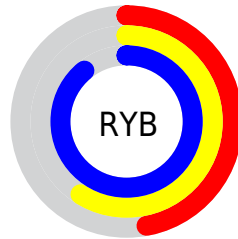
Distribution



Red (47%)

Green (64%)

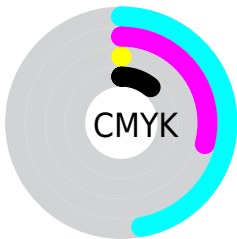
Blue (89%)



Red (47%)

Yellow (59%)

Blue (89%)

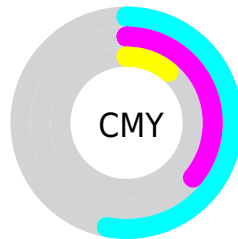


Cyan (47%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (53%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79A3E4 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 79A3E4 by changing the saturation by 10% instead.

 79A3E4

 79A3E4

FFFFFF

 5D89C8

 B2DAFF

 4070AC

 CFF6FF

 1E5791

 ECFFFF

 004077

 002B5E

 001746

 000430

 00011A

 000000

 79A3E4

 79A3E4

 6295E4

 90B1E4

 4B87E4

 A7BFE4

 3579E4

 BDCDE4

 1E6CE4

 D4DAE4

 075EE4

 EBE8E4

 0059E4

 FFF6E4

 FFFFE4

Harmonies

Analogous

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



3AADD8



79A3E4



AC97D9

Triad

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



79A3E4



E08B7D



65B184

Complementary

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



79A3E4



E4BA79

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.



8EAB69



79A3E4



CF9665

Square

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



79A3E4



E1879D



B2A15E



33B3A6

Rectangle

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



79A3E4



C68FC9



B2A15E



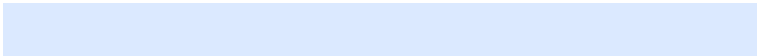
74AF7A

Sweetspot

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



79A3E4



DBE9FF



79E4B9



6A7280



000000



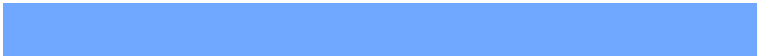
808080

Same Dimension

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



79A3E4



70A8FF



8479E4



676C73



0046B3



001433

Inverse Universe

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



E479A3



FF70A8



D9E479



73676C



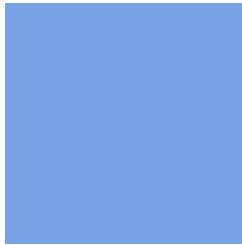
B30046



330014

Previews

White Background



This preview shows how the Hex color 79A3E4 looks on a white background.

Color Contrast Check

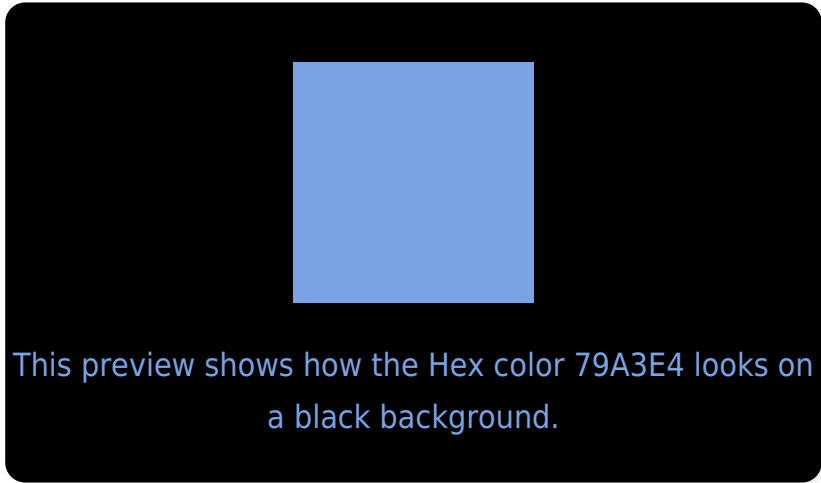
Large Text (above 18pt) WCAG AA × Fail

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

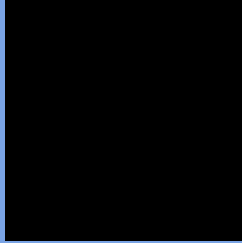
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

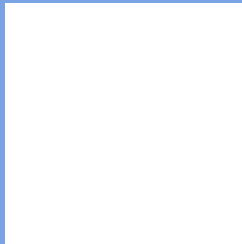
Any Text WCAG AAA ✓ Pass

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

Hex 79A3E4 Background



This preview shows how black text looks on a background with the Hex color 79A3E4.



This preview shows how white text looks on a background with the Hex color 79A3E4.

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



Original Color
79A3E4

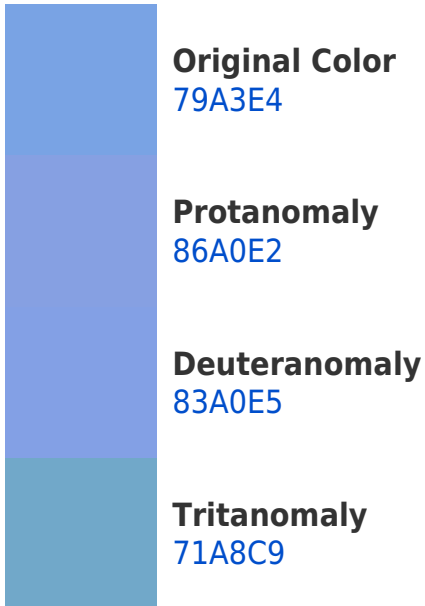
Protanopia
8D9FE1

Deuteranopia
889FE5

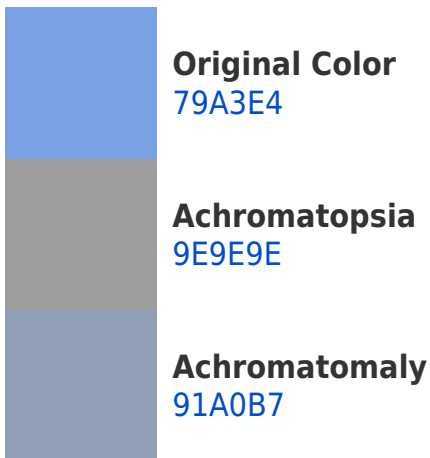


Tritanopia
6CABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79A3E4 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 #79A3E4 looks like.

```
.text, #text, p{  
    color:#79A3E4  
}
```

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 #79A3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79A3E4
}
```

Border

The CSS property to change the border of an element to Hex 79A3E4 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
#79A3E4 }
```

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

```
.border{ border-color:#79A3E4 }
```

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

Here you see how a box with a 4 pixel #79A3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79A3E4; -webkit-box-shadow:4px 4px  
4px 4px #79A3E4; box-shadow:4px 4px 4px  
4px #79A3E4 }
```

Background

The CSS property to change the background color of an element to Hex 79A3E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79A3E4 }
```

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

```
.background{ background-color:#79A3E4 }
```

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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