

Converting Colors

Hex(79B4E2)

Have a look what the booklet for
Hex(79B4E2) contains.

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Color

Hex(79B4E2)

Conversions

Conversions Part 1

Format	Color
Hex	79B4E2
RGB	121, 180, 226
RGB Percent	47%, 71%, 89%
CMY	0.5255, 0.2941, 0.1137
CMYK	0.46, 0.20, 0.00, 0.11
HSL	206°, 64%, 68%
HSV	206°, 46%, 89%
XYZ	37.9339, 42.1985, 78.0973
YIQ	167.6030, -49.9300, 1.7980

Conversions

Conversions Part 2

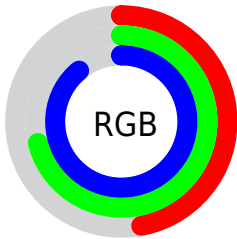
Format	Color
R _Y B	121, 159, 226
Decimal	7976162
CIE Lab	71.01, -6.90, -29.02
CIE LCh	71, 29.825, 256.616
Yxy	42.1985, 0.2397, 0.2667
Android (android.graphics.Color)	4286166242 (0xFF79B4E2)
YUV	167.6030, 28.7897, -40.8708
Hunter-Lab	64.9603, -9.4447, -25.8080

Details

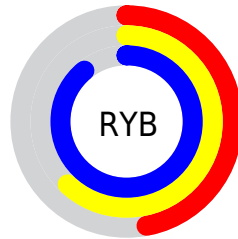
The Hex color **79B4E2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E2A779**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B2ECFF**, and **407FAB** is the 20% darker color. If you saturate the color by 10%, you get **62AAE2**, and if you desaturate by 10%, it is **90BEE2**.

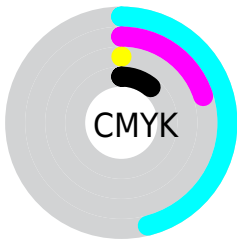
Distribution



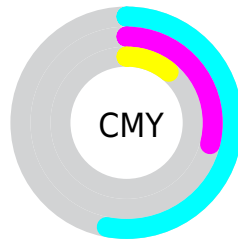
- Red (47%)
- Green (71%)
- Blue (89%)



- Red (47%)
- Yellow (62%)
- Blue (89%)



- Cyan (46%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79B4E2 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 79B4E2 by changing the saturation by 10% instead.

 79B4E2

 79B4E2

FFFFFF

 5D99C6

 B2ECFF

 407FAB

 CFFFFFF

 1E6690

 ECFFFF

 004E76

 00385D

 002345

 000B2F

 000119

 000000

■ 79B4E2

■ 79B4E2

■ 62AAE2

■ 90BEE2

■ 4CA0E2

■ A6C8E2

■ 3596E2

■ BDD2E2

■ 1F8CE2

■ D3DCE2

■ 0882E2

■ EAE6E2

■ 007FE2

■ FFEFE2

■ FFF9E2

■ FFFFE2

Harmonies

Analogous

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



5CBAD4



79B4E2



A1ABE2

Triad

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



79B4E2



E49AA0



93B888

Complementary

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



79B4E2



E2A779

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.



B2B179



79B4E2



DE9F87

Square

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



79B4E2



DC9BBB



CCA879



74BCA0

Rectangle

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



79B4E2



B9A5D9



CCA879



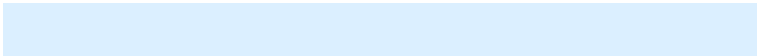
9DB682

Sweetspot

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



79B4E2



DBEFFF



79E2A7



6A7680



000000



808080

Same Dimension

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



79B4E2



70C0FF



7980E2



656B70



0063B0



001B30

Inverse Universe

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



E279B4



FF70C0



E2DB79



70656B



B00063



30001B

Previews

White Background



This preview shows how the Hex color 79B4E2 looks on a white background.

Color Contrast Check

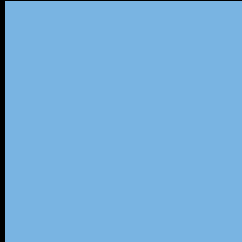
Large Text (above 18pt) WCAG AA × Fail

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 79B4E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

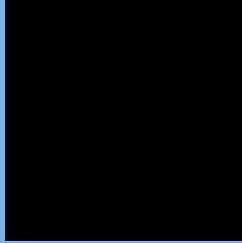
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

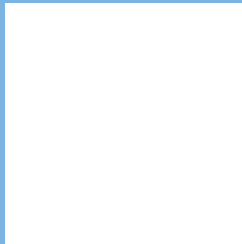
Any Text WCAG AAA ✓ Pass

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

Hex 79B4E2 Background



This preview shows how black text looks on a background with the Hex color 79B4E2.

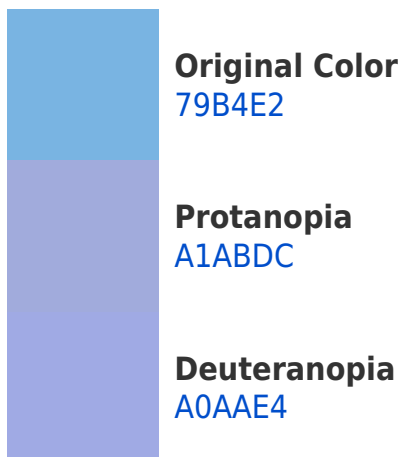


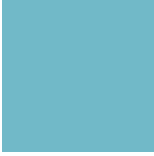
This preview shows how white text looks on a background with the Hex color 79B4E2.

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](#).

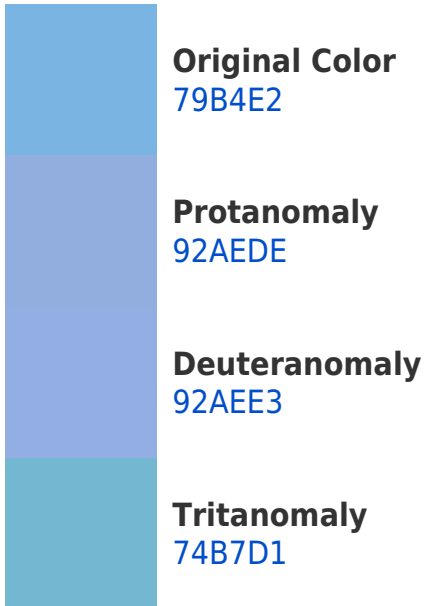
Dichromacy



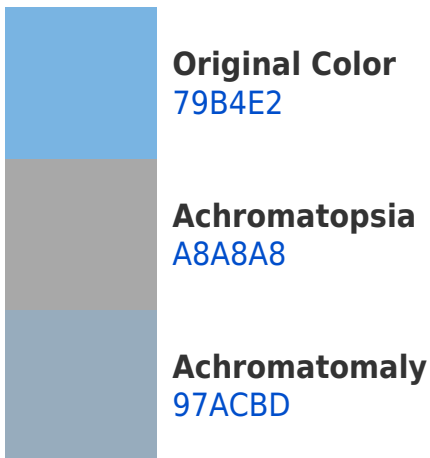


Tritanopia
71B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79B4E2 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 #79B4E2 looks like.

```
.text, #text, p{  
    color:#79B4E2  
}
```

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 #79B4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B4E2
}
```

Border

The CSS property to change the border of an element to Hex 79B4E2 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
#79B4E2 }
```

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

```
.border{ border-color:#79B4E2 }
```

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

Here you see how a box with a 4 pixel #79B4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B4E2; -webkit-box-shadow:4px 4px  
4px 4px #79B4E2; box-shadow:4px 4px 4px  
4px #79B4E2 }
```

Background

The CSS property to change the background color of an element to Hex 79B4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B4E2 }
```

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

```
.background{ background-color:#79B4E2 }
```

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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