

Converting Colors

Hex(79B3D1)

Have a look what the booklet for
Hex(79B3D1) contains.

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Color

Hex(79B3D1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 79B3D1 |
| RGB | 121, 179, 209 |
| RGB Percent | 47%, 70%, 82% |
| CMY | 0.5255, 0.2980, 0.1804 |
| CMYK | 0.42, 0.14, 0.00, 0.18 |
| HSL | 200°, 49%, 65% |
| HSV | 200°, 42%, 82% |
| XYZ | 35.5139, 40.9086, 66.3460 |
| YIQ | 165.0780, -44.1980, -2.9660 |

Conversions

Conversions Part 2

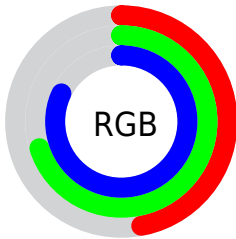
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 121, 156, 209 |
| Decimal | 7975889 |
| CIE Lab | 70.11, -11.04, -21.09 |
| CIE LCh | 70, 23.805, 242.359 |
| Yxy | 40.9086, 0.2488, 0.2865 |
| Android (android.graphics.Color) | 4286165969 (0xFF79B3D1) |
| YUV | 165.0780, 21.6535, -38.6564 |
| Hunter-Lab | 63.9598, -12.8171, -16.7300 |

Details

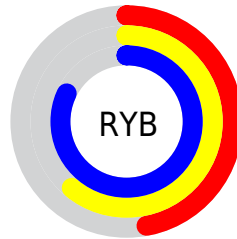
The Hex color **79B3D1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D19779**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B1EBFF**, and **427E9B** is the 20% darker color. If you saturate the color by 10%, you get **64ACD1**, and if you desaturate by 10%, it is **8EBAD1**.

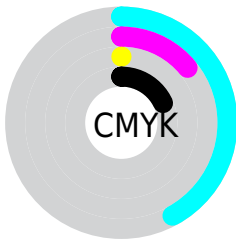
Distribution



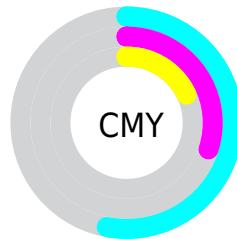
- Red (47%)
- Green (70%)
- Blue (82%)



- Red (47%)
- Yellow (61%)
- Blue (82%)



- Cyan (42%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79B3D1 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 79B3D1 by changing the saturation by 10% instead.

 79B3D1

 79B3D1

FFFFFF

 5E98B5

 B1EBFF

 427E9B

 CDFFFF

 246580

 EAFFFF

 004D67

 00374F

 002138

 000323

 00000A

 000000

79B3D1

79B3D1

64ACD1

8EBAD1

4FA5D1

A3C1D1

3A9ED1

B8C8D1

2597D1

CDD0D1

118FD1

E2D7D1

008AD1

F6DED1

FFE5D1

FFECD1

FFF3D1

Harmonies

Analogous

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



6DB7C2



79B3D1



94ADD6

Triad

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



79B3D1



D69CAA



A2B186

Complementary

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



79B3D1



D19779

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.



BAAA80



79B3D1



D79E95

Square

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



79B3D1



C99FC0



CCA386



8AB697

Rectangle

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



79B3D1



A8A8D3



CCA386



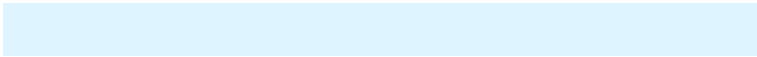
AAAF83

Sweetspot

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



79B3D1



DEF4FF



79D196



6B7980



000000



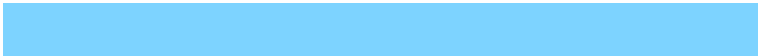
808080

Same Dimension

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



79B3D1



7DD3FF



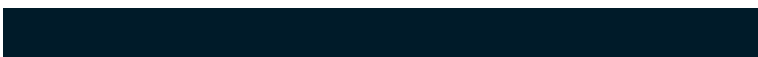
7988D1



5E6569



006FA8



001B29

Inverse Universe

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



D179B3



FF7DD3



D1C279



695E65



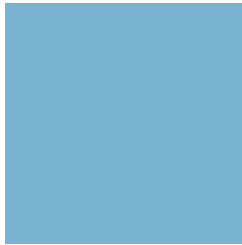
A8006F



29001B

Previews

White Background



This preview shows how the Hex color 79B3D1 looks on a white background.

Color Contrast Check

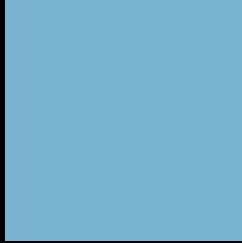
Large Text (above 18pt) WCAG AA × Fail

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 79B3D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

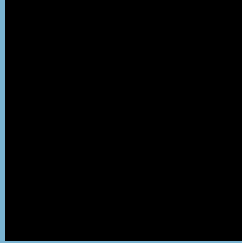
Any Text WCAG AA ✓ Pass

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 79B3D1 Background



This preview shows how black text looks on a background with the Hex color 79B3D1.

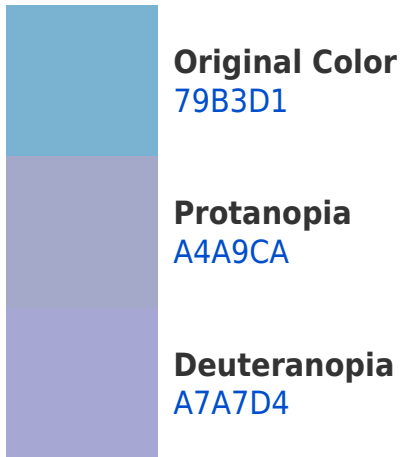


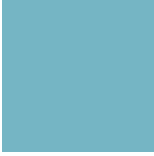
This preview shows how white text looks on a background with the Hex color 79B3D1.

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](#).

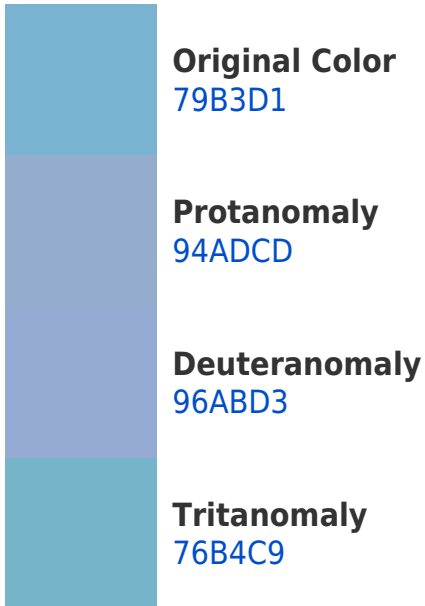
Dichromacy



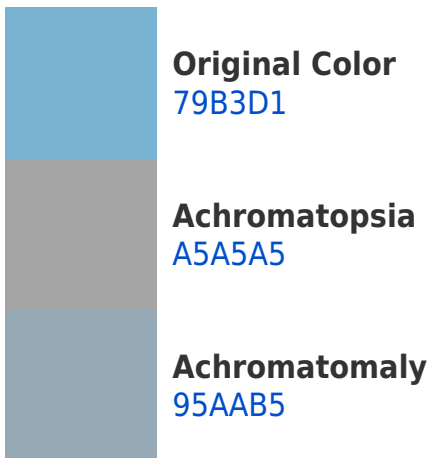


Tritanopia
75B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79B3D1 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 #79B3D1 looks like.

```
.text, #text, p{  
    color:#79B3D1  
}
```

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 #79B3D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B3D1
}
```

Border

The CSS property to change the border of an element to Hex 79B3D1 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
#79B3D1 }
```

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

```
.border{ border-color:#79B3D1 }
```

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

Here you see how a box with a 4 pixel #79B3D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B3D1; -webkit-box-shadow:4px 4px  
4px 4px #79B3D1; box-shadow:4px 4px 4px  
4px #79B3D1 }
```

Background

The CSS property to change the background color of an element to Hex 79B3D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B3D1 }
```

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

```
.background{ background-color:#79B3D1 }
```

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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