

# Converting Colors

Hex(79DBE0)

Have a look what the booklet for  
Hex(79DBE0) contains.

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# **Color**

**Hex(79DBE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79DBE0
RGB	121, 219, 224
RGB Percent	47%, 86%, 88%
CMY	0.5255, 0.1412, 0.1216
CMYK	0.46, 0.02, 0.00, 0.12
HSL	183°, 62%, 68%
HSV	183°, 46%, 88%
XYZ	46.6712, 60.1098, 79.6635
YIQ	190.2680, -60.0130, -19.2210

# Conversions

## Conversions Part 2

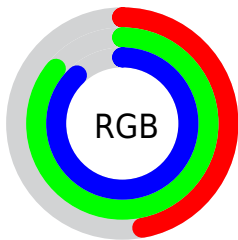
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 171, 224
Decimal	7986144
CIELab	81.90, -27.51, -11.43
CIELCh	82, 29.789, 202.559
Yxy	60.1098, 0.2503, 0.3224
Android (android.graphics.Color)	4286176224 (0xFF79DBE0)
YUV	190.2680, 16.6299, -60.7480
Hunter-Lab	77.5305, -28.2263, -6.6498

# Details

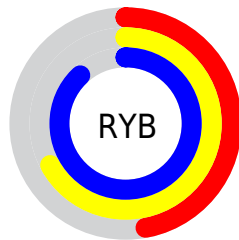
The Hex color **79DBE0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E07E79**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B3FFFF**, and **3DA4A9** is the 20% darker color. If you saturate the color by 10%, you get **63DAE0**, and if you desaturate by 10%, it is **8FDCE0**.

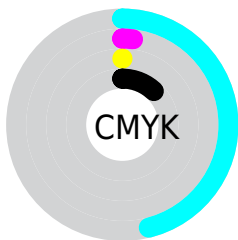
# Distribution



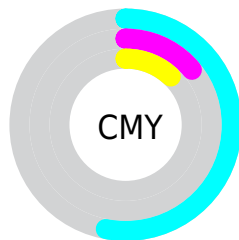
- Red (47%)
- Green (86%)
- Blue (88%)



- Red (47%)
- Yellow (67%)
- Blue (88%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (53%)
- Magenta (14%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79DBE0 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 79DBE0 by changing the saturation by 10% instead.



 79DBE0

 79DBE0

FFFFFF

 5CBFC4


 B3FFFF

 3DA4A9

 D0FFFF

 14898E

 EEEFFF

 006F75

 00575C

 003F45

 00282E

 000E1A

 000000

 79DBE0

 79DBE0

 63DAE0

 8FDCE0

 4CD9E0

 A6DDE0

 36D8E0

 BCDEE0

 1FD7E0

 D3DFE0

 09D6E0

 E9E0E0

 00D5E0

 FFE2E0

 FFE3E0

 FFE4E0

 FFE5E0

# Harmonies

## Analogous

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



8CDBC3



79DBE0



80D7F7

# Triad

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



79DBE0



E9BEEE



E7C795

# Complementary

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



79DBE0



E07E79

# 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.



FBBEA0



79DBE0



FEB8D4

# Square

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



79DBE0



C7C7FF



FFB8B7



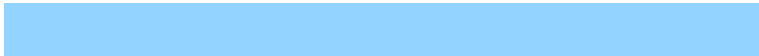
CAD098

# Rectangle

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



79DBE0



93D3FF



FFB8B7



EFC497

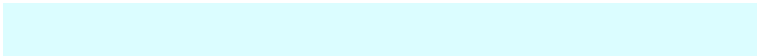


# Sweetspot

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



79DBE0



DBFDFF



79E07C



6A7E80



000000



808080



# Same Dimension

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



79DBE0



73F8FF



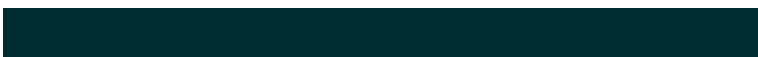
79A9E0



657070



00A7B0



002E30



# Inverse Universe

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



E079DB



FF73F8



E0B079



706570



B000A7

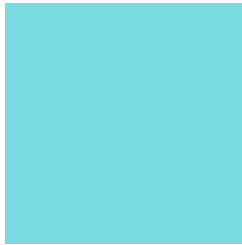


30002E



# Previews

## White Background



This preview shows how the Hex color 79DBE0 looks on a white background.

## Color Contrast Check

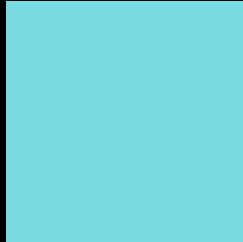
Large Text (above 18pt) WCAG AA × Fail

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 79DBE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

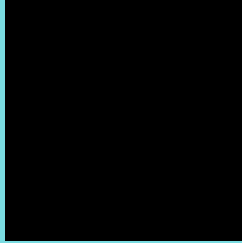
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79DBE0 Background



This preview shows how black text looks on a background with the Hex color 79DBE0.

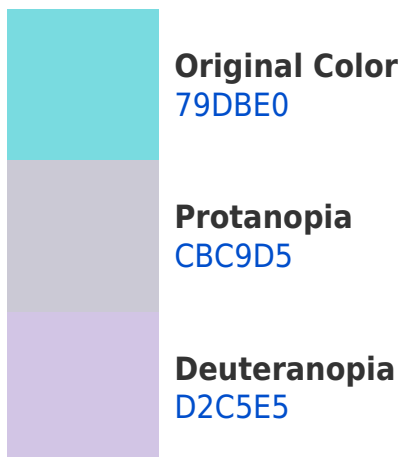


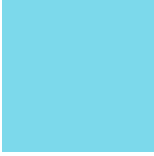
This preview shows how white text looks on a background with the Hex color 79DBE0.

# 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**  
7CD9EB

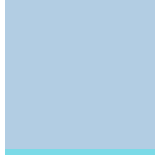
# Trichromacy



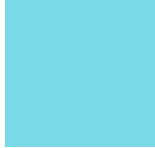
**Original Color**  
79DBE0



**Protanomaly**  
ADD0D9



**Deuteranomaly**  
B2CDE3

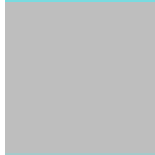


**Tritanomaly**  
7BDAE7

# Monochromacy



**Original Color**  
79DBE0



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
A5C9CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79DBE0 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 #79DBE0 looks like.

```
.text, #text, p{  
    color:#79DBE0  
}
```

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 #79DBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79DBE0
}
```

## Border

The CSS property to change the border of an element to Hex 79DBE0 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
#79DBE0 }
```

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

```
.border{ border-color:#79DBE0 }
```

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

Here you see how a box with a 4 pixel #79DBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79DBE0; -webkit-box-shadow:4px 4px  
4px 4px #79DBE0; box-shadow:4px 4px 4px  
4px #79DBE0 }
```

# Background

The CSS property to change the background color of an element to Hex 79DBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79DBE0 }
```

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

```
.background{ background-color:#79DBE0 }
```

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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