

# Converting Colors

Hex(79DAEB)

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

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# **Color**

**Hex(79DAEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79DAEB
RGB	121, 218, 235
RGB Percent	47%, 85%, 92%
CMY	0.5255, 0.1451, 0.0784
CMYK	0.49, 0.07, 0.00, 0.08
HSL	189°, 74%, 70%
HSV	189°, 49%, 92%
XYZ	47.9520, 60.2059, 87.6908
YIQ	190.9350, -63.2690, -15.2770

# Conversions

## Conversions Part 2

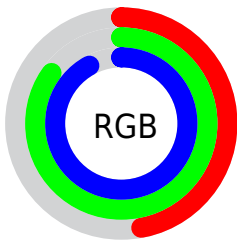
Format	Color
<a href="#">RYB</a>	<a href="#">121, 173, 235</a>
Decimal	<a href="#">7985899</a>
CIELab	<a href="#">81.95, -24.16, -17.20</a>
CIELCh	<a href="#">82, 29.655, 215.447</a>
Yxy	<a href="#">60.2059, 0.2448, 0.3074</a>
Android (android.graphics.Color)	<a href="#">4286175979 (0xFF79DAEB)</a>
YUV	<a href="#">190.9350, 21.7240, -61.3330</a>
Hunter-Lab	<a href="#">77.5925, -25.4743, -12.6916</a>

# Details

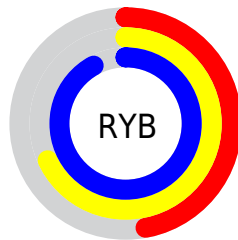
The Hex color **79DAEB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EB8A79**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B4FFFF**, and **3BA3B3** is the 20% darker color. If you saturate the color by 10%, you get **62D6EB**, and if you desaturate by 10%, it is **91DEEB**.

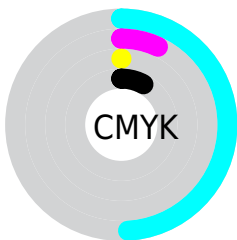
# Distribution



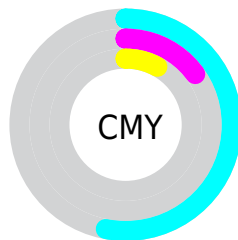
- Red (47%)
- Green (85%)
- Blue (92%)



- Red (47%)
- Yellow (68%)
- Blue (92%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (53%)
- Magenta (15%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 79DAEB

 79DAEB

FFFFFF

 5BBECF


 B4FFFF

 3BA3B3

 D1FFFF

 0F8898

 EFFFFFF

 006F7F

 005665

 003E4D

 002837

 000F22

 000008

79DAEB

79DAEB

62D6EB

91DEEB

4AD3EB

A8E1EB

33CFEB

C0E5EB

1BCCEB

D7E8EB

04C8EB

EEEEEB

00C8EB

FFEFEB

FFF3EB

FFF6EB

FFFAEB

# Harmonies

## Analogous

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



82DBD0



79DAEB



8CD5FE

# Triad

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



79DAEB



F4BBE3



DBCC94

# Complementary

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



79DAEB



EB8A79

# 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.



F4C29A



79DAEB



FFB7C8

# Square

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



79DAEB



D7C3F9



FFBAAD



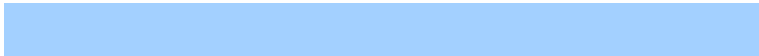
BCD49E

# Rectangle

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



79DAEB



A3D0FF



FFBAAD



E4C995

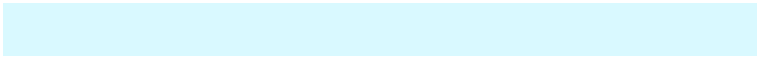


# Sweetspot

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



79DAEB



D9F9FF



79EB88



697C80



000000



808080

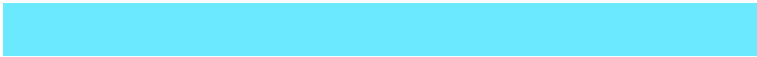


# Same Dimension

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



79DAEB



6BE9FF



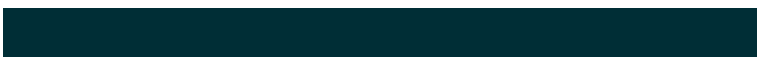
79A3EB



6A7475



009AB5



002E36



# Inverse Universe

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



EB79DA



FF6BE9



EBC179



756A74



B5009A

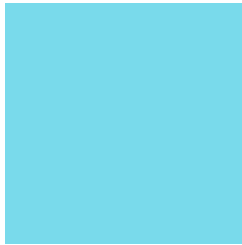


36002E



# Previews

## White Background



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

## Color Contrast Check

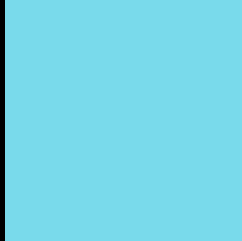
Large Text (above 18pt) WCAG AA × Fail

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 79DAEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

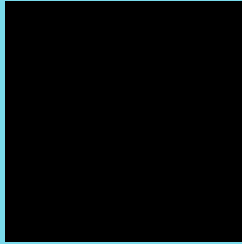
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79DAEB Background



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

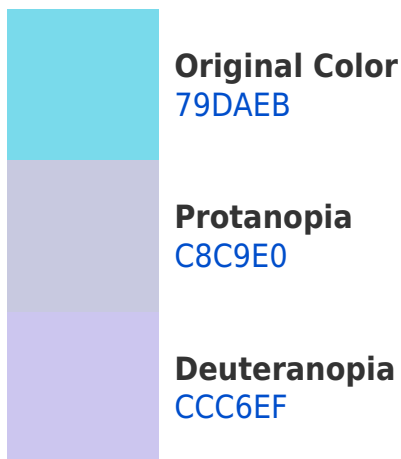


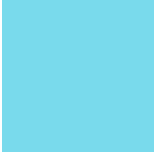
This preview shows how white text looks on a background with the Hex color 79DAEB.

# 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**  
79DAEC

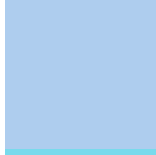
# Trichromacy



**Original Color**  
79DAEB



**Protanomaly**  
ABCFE4



**Deuteranomaly**  
AECDEE

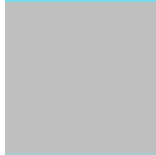


**Tritanomaly**  
79DAEC

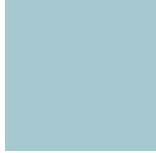
# Monochromacy



**Original Color**  
79DAEB



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A6C9CF

# CSS Examples

## Text

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

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

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 #79DAEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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