

Converting Colors

Hex(7DC7ED)

Have a look what the booklet for
Hex(7DC7ED) contains.

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Color

Hex(7DC7ED)

Conversions

Conversions Part 1

Format	Color
Hex	7DC7ED
RGB	125, 199, 237
RGB Percent	49%, 78%, 93%
CMY	0.5098, 0.2196, 0.0706
CMYK	0.47, 0.16, 0.00, 0.07
HSL	200°, 76%, 71%
HSV	200°, 47%, 93%
XYZ	44.1669, 51.3212, 87.6989
YIQ	181.2060, -56.3020, -3.8700

Conversions

Conversions Part 2

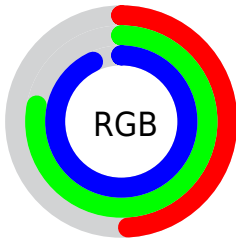
Format	Color
RYB	125, 170, 237
Decimal	8243181
CIELab	76.87, -13.04, -25.96
CIElCh	77, 29.048, 243.331
Yxy	51.3212, 0.2411, 0.2802
Android (android.graphics.Color)	4286433261 (0xFF7DC7ED)
YUV	181.2060, 27.5064, -49.2927
Hunter-Lab	71.6388, -15.3188, -22.4345

Details

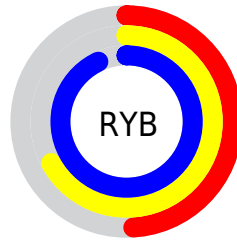
The Hex color **7DC7ED** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EDA37D**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B7FFFF**, and **4291B5** is the 20% darker color. If you saturate the color by 10%, you get **65BFED**, and if you desaturate by 10%, it is **95CFED**.

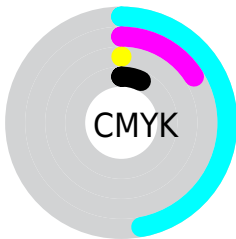
Distribution



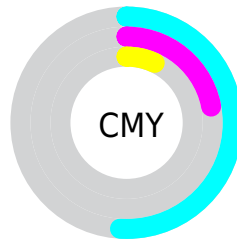
- Red (49%)
- Green (78%)
- Blue (93%)



- Red (49%)
- Yellow (67%)
- Blue (93%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (51%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DC7ED 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 7DC7ED by changing the saturation by 10% instead.

 7DC7ED

 7DC7ED

FFFFFF

 60ACD1

 B7FFFF

 4291B5

 D4FFFF

 1F779A

 F2FFFF

 005F80

 004767

 00314F

 001C38

 000222

 000008

 7DC7ED

 7DC7ED

 65BFED

 95CFED

 4EB7ED

 ACD7ED

 36AFED

 C4DFED

 1EA7ED

 DCE7ED

 069FED

 F3EFED

 009DED

 FFF7ED

 FFFFED

Harmonies

Analogous

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



6CCDA



7DC7ED



A0BFF3

Triad

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



7DC7ED



F2AABC



B1C590

Complementary

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



7DC7ED



EDA37D

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.



CEBD88



7DC7ED



F3ADA1

Square

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



7DC7ED



E3AED6



E6B48F



92CBA5

Rectangle

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



7DC7ED



BAB9EF



E6B48F



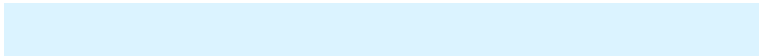
BBC38C

Sweetspot

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



7DC7ED



DBF3FF



7DEDA2



6A7880



000000



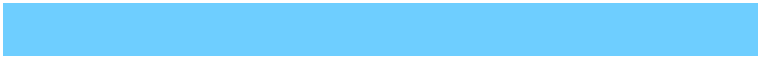
808080

Same Dimension

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



7DC7ED



6ECEFF



7D90ED



6A7175



0078B5



002336

Inverse Universe

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



ED7DC7



FF6ECE



EDDA7D



756A71



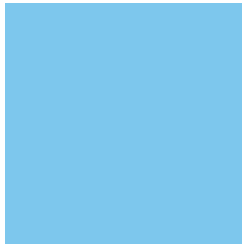
B50078



360023

Previews

White Background



This preview shows how the Hex color 7DC7ED looks on a white background.

Color Contrast Check

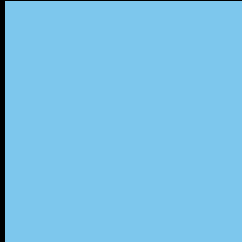
Large Text (above 18pt) WCAG AA × Fail

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 7DC7ED 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 7DC7ED Background



This preview shows how black text looks on a background with the Hex color 7DC7ED.



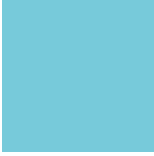
This preview shows how white text looks on a background with the Hex color 7DC7ED.

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

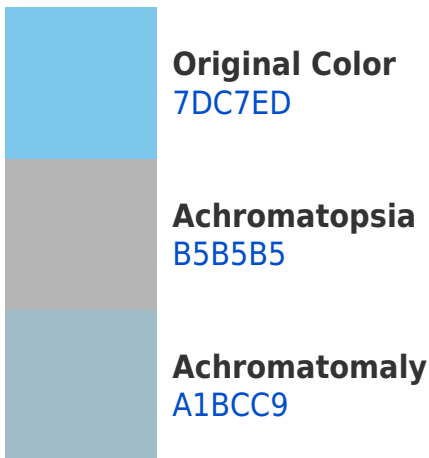




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DC7ED 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 #7DC7ED looks like.

```
.text, #text, p{  
    color:#7DC7ED  
}
```

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 #7DC7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC7ED
}
```

Border

The CSS property to change the border of an element to Hex 7DC7ED 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
#7DC7ED }
```

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

```
.border{ border-color:#7DC7ED }
```

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

Here you see how a box with a 4 pixel #7DC7ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC7ED; -webkit-box-shadow:4px 4px  
4px 4px #7DC7ED; box-shadow:4px 4px 4px  
4px #7DC7ED }
```

Background

The CSS property to change the background color of an element to Hex 7DC7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC7ED }
```

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

```
.background{ background-color:#7DC7ED }
```

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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