

Converting Colors

Hex(7FCDED)

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

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Color

Hex(7FCDED)

Conversions

Conversions Part 1

Format	Color
Hex	7FCDED
RGB	127, 205, 237
RGB Percent	50%, 80%, 93%
CMY	0.5020, 0.1961, 0.0706
CMYK	0.46, 0.14, 0.00, 0.07
HSL	197°, 75%, 71%
HSV	197°, 46%, 93%
XYZ	45.8698, 54.2891, 88.1820
YIQ	185.3260, -56.7600, -6.5840

Conversions

Conversions Part 2

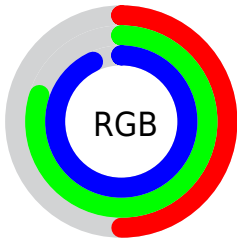
Format	Color
RYB	127, 173, 237
Decimal	8375789
CIELab	78.63, -15.70, -23.27
CIELCh	79, 28.068, 236.000
Yxy	54.2891, 0.2435, 0.2882
Android (android.graphics.Color)	4286565869 (0xFF7FCDED)
YUV	185.3260, 25.4753, -51.1519
Hunter-Lab	73.6811, -17.8178, -19.3818

Details

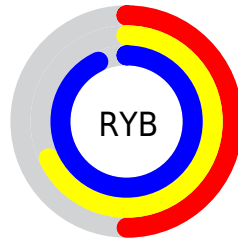
The Hex color **7FCDED** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **ED9F7F**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B9FFFF**, and **4497B5** is the 20% darker color. If you saturate the color by 10%, you get **67C6ED**, and if you desaturate by 10%, it is **97D4ED**.

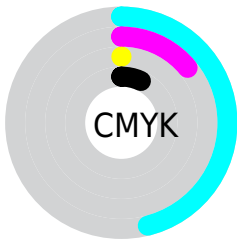
Distribution



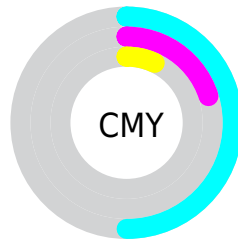
- Red (50%)
- Green (80%)
- Blue (93%)



- Red (50%)
- Yellow (68%)
- Blue (93%)



- Cyan (46%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (50%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

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

7FCDED

7FCDED

FFFFFF

62B1D1

B9FFFF

4497B5

D6FFFF

227D9A

F4FFFF

006480

004C67

00354F

002038

000223

000009

 7FCDED

 7FCDED

 67C6ED

 97D4ED

 50BFED

 AEDBED

 38B8ED

 C6E2ED

 20B1ED

 DEE9ED

 09ABED

 F6EFED

 00A8ED

 FFF6ED

 FFFDED

 FFFFED

Harmonies

Analogous

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



76D1D8



7FCDED



9EC6F6

Triad

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



7FCDED



F4B0C7



BEC893

Complementary

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



7FCDED



ED9F7F

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.



D9C08F



7FCDED



F8B1AD

Square

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



7FCDED



E1B5E0



EEB798



A0CEA5

Rectangle

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



7FCDED



B6C0F4



EEB798



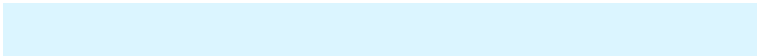
C7C590

Sweetspot

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



7FCDED



DBF5FF



7FED9E



6A7980



000000



808080

Same Dimension

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



7FCDED



70D5FF



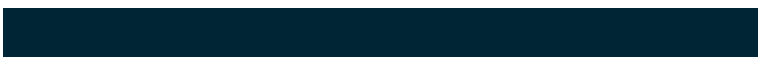
7F97ED



6A7275



0080B5



002636

Inverse Universe

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



ED7FCD



FF70D5



EDD57F



756A72



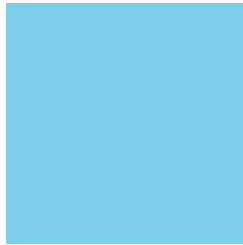
B50080



360026

Previews

White Background



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

Color Contrast Check

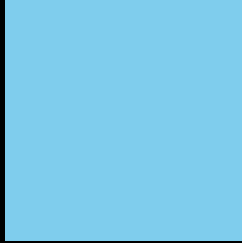
Large Text (above 18pt) WCAG AA × Fail

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 7FCDED 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 7FCDED Background



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

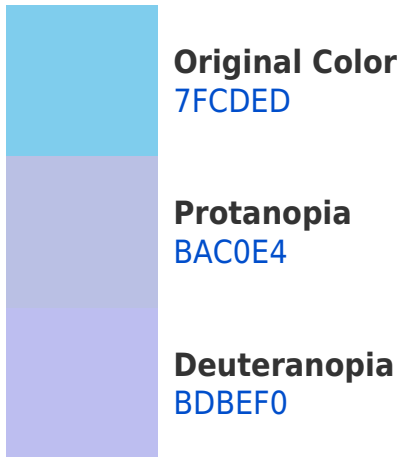


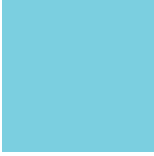
This preview shows how white text looks on a background with the Hex color 7FCDED.

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](#).

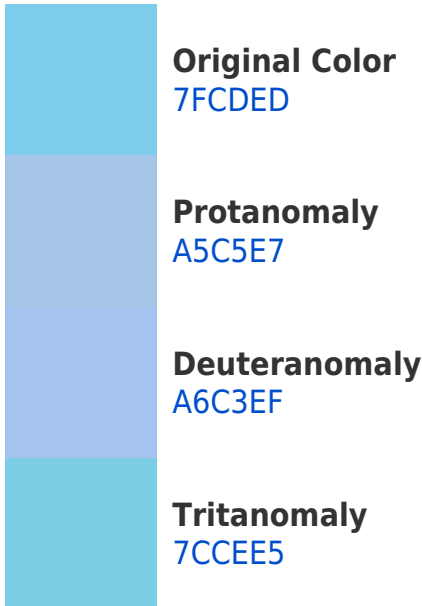
Dichromacy



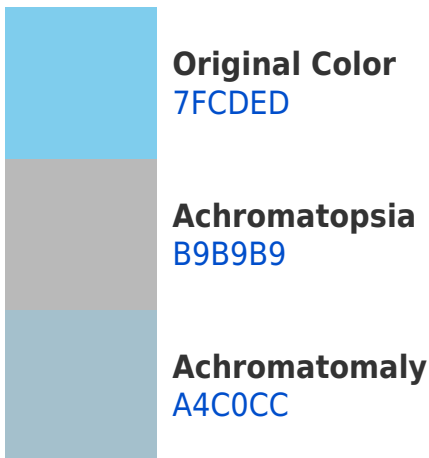


Tritanopia
7BCFE0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7FCDED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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