

# Converting Colors

Hex(7ED6D3)

Have a look what the booklet for  
Hex(7ED6D3) contains.

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**Color**

**Hex(7ED6D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ED6D3
RGB	126, 214, 211
RGB Percent	49%, 84%, 83%
CMY	0.5059, 0.1608, 0.1725
CMYK	0.41, 0.00, 0.01, 0.16
HSL	178°, 52%, 67%
HSV	178°, 41%, 84%
XYZ	44.4086, 57.2319, 70.3343
YIQ	187.3460, -51.4850, -19.5890

# Conversions

## Conversions Part 2

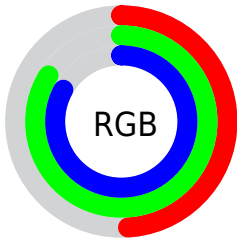
Format	Color
<a href="#">RYB</a>	126, 171, 214
Decimal	8312531
CIELab	80.31, -27.15, -6.84
CIElCh	80, 27.993, 194.137
Yxy	57.2319, 0.2582, 0.3328
Android (android.graphics.Color)	4286502611 (0xFF7ED6D3)
YUV	187.3460, 11.6614, -53.8004
Hunter-Lab	75.6518, -27.6087, -2.1663

# Details

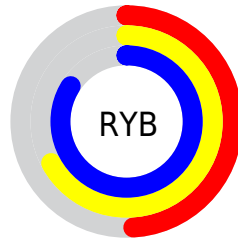
The Hex color **7ED6D3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D67E81**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B7FFFF**, and **459F9D** is the 20% darker color. If you saturate the color by 10%, you get **69D6D2**, and if you desaturate by 10%, it is **93D6D4**.

# Distribution



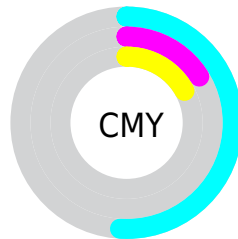
- Red (49%)
- Green (84%)
- Blue (83%)



- Red (49%)
- Yellow (67%)
- Blue (84%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (51%)
- Magenta (16%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7ED6D3 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 7ED6D3 by changing the saturation by 10% instead.



 7ED6D3

 7ED6D3

FFFFFF

 62BAB7

 B7FFFF

 459F9D

 D4FFFF

 258583

 F1FFFF

 006B69

 005251

 003B3A

 002525

 000310

 000000

 7ED6D3

 7ED6D3

 69D6D2

 93D6D4

 53D6D2

 A9D6D4

 3ED6D1

 BED6D5

 28D6D0

 D4D6D6

 13D6CF

 E9D6D7

 00D6CF

 FED6D7

 FFD6D8

 FFD6D9

 FFD6DA

# Harmonies

## Analogous

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



93D5B8



7ED6D3



7DD4EB

# Triad

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



7ED6D3



DBBCED



E7C195

# Complementary

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



7ED6D3



D67E81

# 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.



F8B9A4



7ED6D3



F3B6D6

# Square

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



7ED6D3



B8C5FA



FDB4BC



CEC994

# Rectangle

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



7ED6D3



8BD0F5



FDB4BC



EEBE99



# Sweetspot

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



7ED6D3



E0FFFE



82D67E



6E807F



000000



808080



# Same Dimension

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



7ED6D3



82FFFB



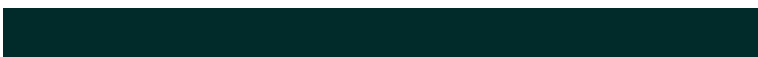
7EAED6



606B6B



00ABA5



002B2A



# Inverse Universe

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



D67E81



FF8286



D6A67E



6B6061



AB0006

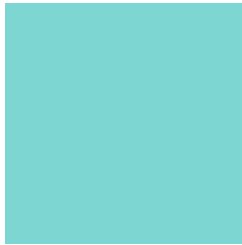


2B0001



# Previews

## White Background



This preview shows how the Hex color 7ED6D3 looks on a white background.

## Color Contrast Check

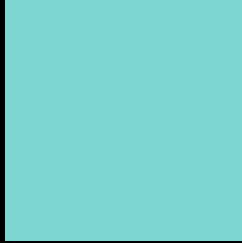
Large Text (above 18pt) WCAG AA × Fail

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 7ED6D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

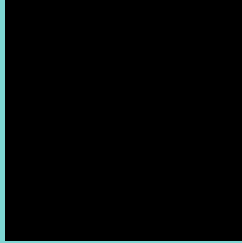
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

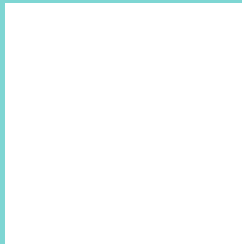
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7ED6D3 Background



This preview shows how black text looks on a background with the Hex color 7ED6D3.

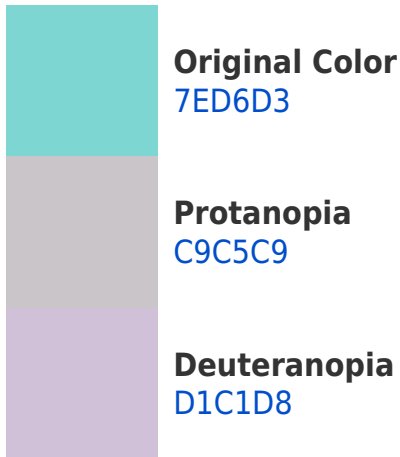


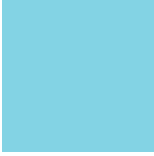
This preview shows how white text looks on a background with the Hex color 7ED6D3.

# 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**  
83D3E4

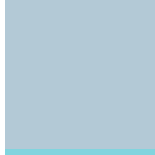
# Trichromacy



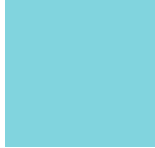
**Original Color**  
7ED6D3



**Protanomaly**  
AECBCD



**Deuteranomaly**  
B3C9D6

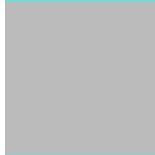


**Tritanomaly**  
81D4DE

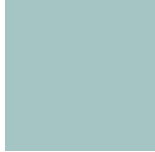
# Monochromacy



**Original Color**  
7ED6D3



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
A5C5C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7ED6D3 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 #7ED6D3 looks like.

```
.text, #text, p{  
    color:#7ED6D3  
}
```

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 #7ED6D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ED6D3
}
```

## Border

The CSS property to change the border of an element to Hex 7ED6D3 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
#7ED6D3 }
```

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

```
.border{ border-color:#7ED6D3 }
```

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

Here you see how a box with a 4 pixel #7ED6D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ED6D3; -webkit-box-shadow:4px 4px  
4px 4px #7ED6D3; box-shadow:4px 4px 4px  
4px #7ED6D3 }
```

# Background

The CSS property to change the background color of an element to Hex 7ED6D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ED6D3 }
```

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

```
.background{ background-color:#7ED6D3 }
```

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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