

Converting Colors

Hex(7DE5EA)

Have a look what the booklet for
Hex(7DE5EA) contains.

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Color

Hex(7DE5EA)

Conversions

Conversions Part 1

Format	Color
Hex	7DE5EA
RGB	125, 229, 234
RGB Percent	49%, 90%, 92%
CMY	0.5098, 0.1020, 0.0824
CMYK	0.47, 0.02, 0.00, 0.08
HSL	183°, 72%, 70%
HSV	183°, 47%, 92%
XYZ	51.3280, 66.3391, 87.9414
YIQ	198.4740, -63.5890, -20.4930

Conversions

Conversions Part 2

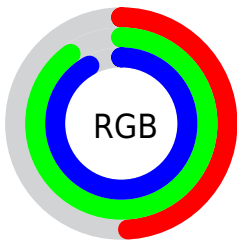
Format	Color
RYB	125, 178, 234
Decimal	8250858
CIELab	85.17, -28.90, -11.83
CIELCh	85, 31.230, 202.251
Yxy	66.3391, 0.2496, 0.3226
Android (android.graphics.Color)	4286440938 (0xFF7DE5EA)
YUV	198.4740, 17.5143, -64.4367
Hunter-Lab	81.4488, -30.0470, -7.0020

Details

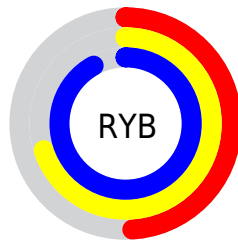
The Hex color **7DE5EA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EA827D**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B8FFFF**, and **40ADB2** is the 20% darker color. If you saturate the color by 10%, you get **66E4EA**, and if you desaturate by 10%, it is **94E6EA**.

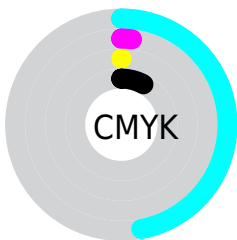
Distribution



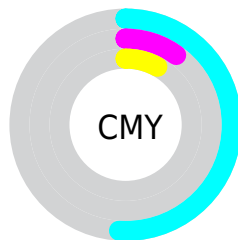
- Red (49%)
- Green (90%)
- Blue (92%)



- Red (49%)
- Yellow (70%)
- Blue (92%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (51%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE5EA 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 7DE5EA by changing the saturation by 10% instead.

 7DE5EA

 7DE5EA

FFFFFF

 5FC9CE

 B8FFFF

 40ADB2

 D5FFFF

 179298

 F3FFFF

 00787E

 005F65

 00474D

 003036

 001C21

 000009

 7DE5EA

 7DE5EA

 66E4EA

 94E6EA

 4EE3EA

 ACE7EA

 37E2EA

 C3E8EA

 1FE1EA

 DBE9EA

 08E0EA

 F2EAEA

 00DFEA

 FFEBEA

 FFEDEA

 FFEEEA

 FFEFEA

Harmonies

Analogous

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



91E5CC



7DE5EA



84E1FF

Triad

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



7DE5EA



F3C6F9



F1D09B

Complementary

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



7DE5EA



EA827D

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.



FFC7A7



7DE5EA



FFC0DE

Square

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



7DE5EA



CFD0FF



FFC0C0



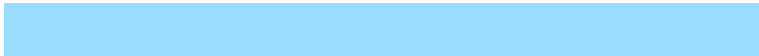
D3DA9E

Rectangle

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



7DE5EA



98DDFF



FFC0C0



FACD9D

Sweetspot

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



7DE5EA



DBFDFE



7DEA81



6A7F80



000000



808080

Same Dimension

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



7DE5EA



70F8FF



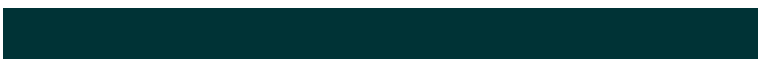
7DB0EA



6A7575



00ADB5



003336

Inverse Universe

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



EA7DE5



FF70F8



EAB77D



756A75



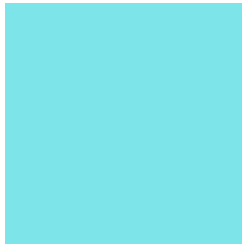
B500AD



360033

Previews

White Background



This preview shows how the Hex color 7DE5EA looks on a white background.

Color Contrast Check

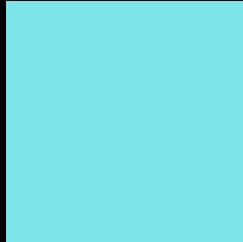
Large Text (above 18pt) WCAG AA × Fail

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 7DE5EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

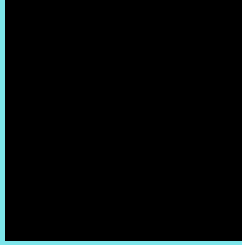
Any Text WCAG AA ✓ Pass

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 7DE5EA Background



This preview shows how black text looks on a background with the Hex color 7DE5EA.

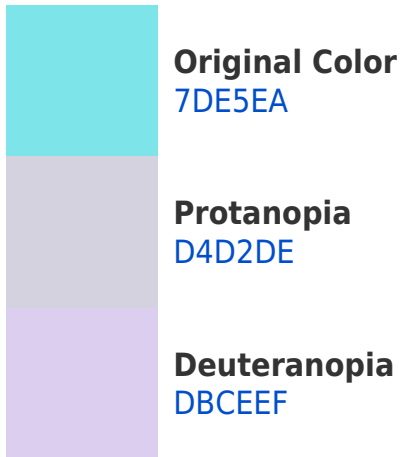


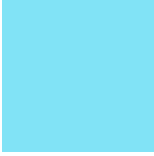
This preview shows how white text looks on a background with the Hex color 7DE5EA.

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



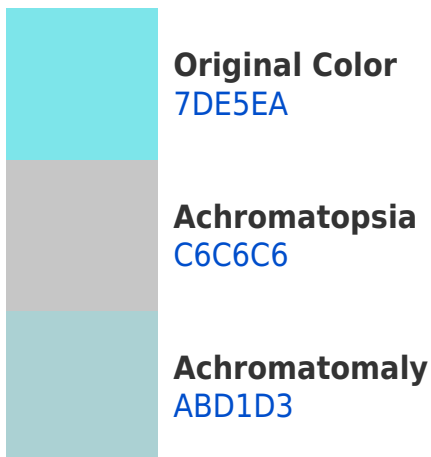


Tritanopia
81E3F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE5EA 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 #7DE5EA looks like.

```
.text, #text, p{  
    color:#7DE5EA  
}
```

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 #7DE5EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE5EA
}
```

Border

The CSS property to change the border of an element to Hex 7DE5EA 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
#7DE5EA }
```

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

```
.border{ border-color:#7DE5EA }
```

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

Here you see how a box with a 4 pixel #7DE5EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE5EA; -webkit-box-shadow:4px 4px  
4px 4px #7DE5EA; box-shadow:4px 4px 4px  
4px #7DE5EA }
```

Background

The CSS property to change the background color of an element to Hex 7DE5EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE5EA }
```

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

```
.background{ background-color:#7DE5EA }
```

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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