

Converting Colors

Hex(7DE8DE)

Have a look what the booklet for
Hex(7DE8DE) contains.

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Color

Hex(7DE8DE)

Conversions

Conversions Part 1

Format	Color
Hex	7DE8DE
RGB	125, 232, 222
RGB Percent	49%, 91%, 87%
CMY	0.5098, 0.0902, 0.1294
CMYK	0.46, 0.00, 0.04, 0.09
HSL	174°, 70%, 70%
HSV	174°, 46%, 91%
XYZ	50.4989, 67.3471, 79.4450
YIQ	198.8670, -60.5620, -25.7940

Conversions

Conversions Part 2

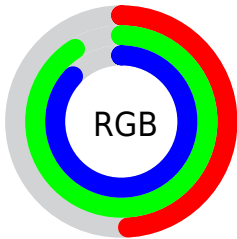
Format	Color
RYB	125, 181, 232
Decimal	8251614
CIELab	85.68, -33.31, -4.74
CIElCh	86, 33.642, 188.106
Yxy	67.3471, 0.2560, 0.3414
Android (android.graphics.Color)	4286441694 (0xFF7DE8DE)
YUV	198.8670, 11.4046, -64.7814
Hunter-Lab	82.0653, -33.7743, 0.0488

Details

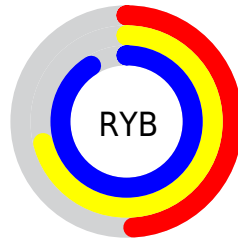
The Hex color **7DE8DE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E87D87**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B7FFFF**, and **41B0A7** is the 20% darker color. If you saturate the color by 10%, you get **66E8DC**, and if you desaturate by 10%, it is **94E8E0**.

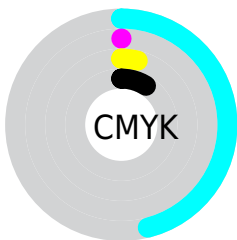
Distribution



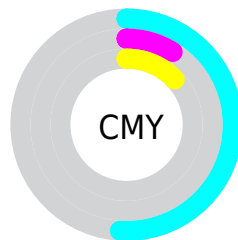
- Red (49%)
- Green (91%)
- Blue (87%)



- Red (49%)
- Yellow (71%)
- Blue (91%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE8DE 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 7DE8DE by changing the saturation by 10% instead.

 7DE8DE

 7DE8DE

FFFFFF

 60CCC2

 B7FFFF

 41B0A7

 D5FFFF

 19958D

 F3FFFF

 007B73

 00615B

 004943

 00312D

 001D19

 000000

 7DE8DE

 7DE8DE

 66E8DC

 94E8E0

 4FE8DA

 ABE8E2

 37E8D7

 C3E8E5

 20E8D5

 DAE8E7

 09E8D3

 F1E8E9

 00E8D2

 FFE8EB

 FFE8ED

 FFE8EF

 FFE8F2

Harmonies

Analogous

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



9CE6BD



7DE8DE



74E6FC

Triad

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



7DE8DE



E6CBFF



FFCC9C

Complementary

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



7DE8DE



E87D87

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.



FFC3B0



7DE8DE



FFC2EF

Square

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



7DE8DE



BAD6FF



FFBFCF



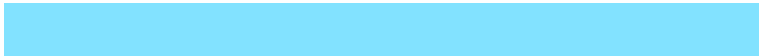
E4D797

Rectangle

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



7DE8DE



82E2FF



FFBFCF



FFC9A1

Sweetspot

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



7DE8DE



DBFFFC



88E87D



6A807D



000000



808080

Same Dimension

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



7DE8DE



73FFF2



7DBDE8



677372



00B3A2



00332E

Inverse Universe

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



E87D87



FF7380



E8A87D



736768



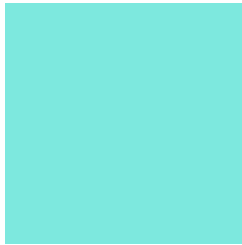
B30011



330005

Previews

White Background



This preview shows how the Hex color 7DE8DE looks on a white background.

Color Contrast Check

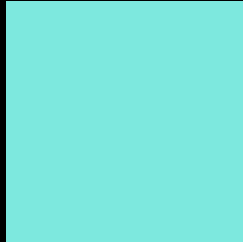
Large Text (above 18pt) WCAG AA × Fail

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 7DE8DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

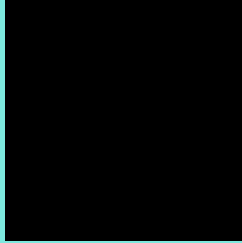
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

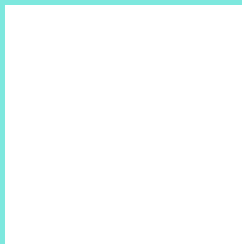
Any Text WCAG AAA ✓ Pass

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

Hex 7DE8DE Background



This preview shows how black text looks on a background with the Hex color 7DE8DE.

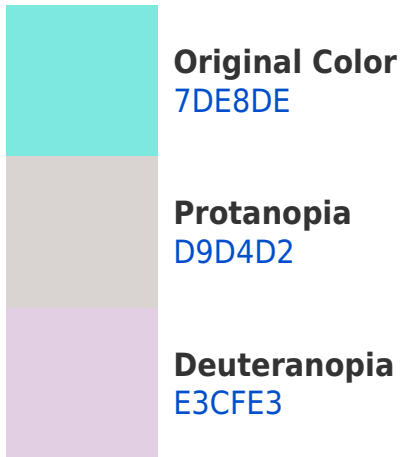


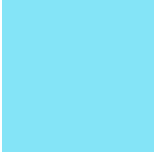
This preview shows how white text looks on a background with the Hex color 7DE8DE.

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



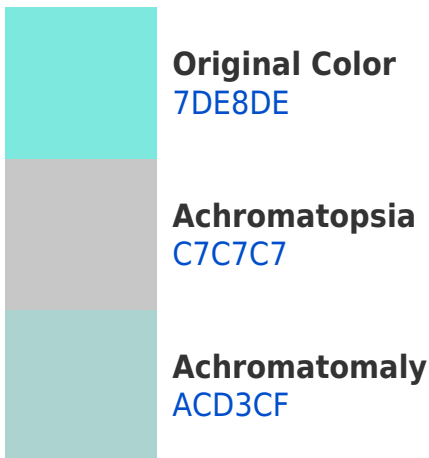


Tritanopia
84E4F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE8DE 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 #7DE8DE looks like.

```
.text, #text, p{  
    color:#7DE8DE  
}
```

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 #7DE8DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE8DE
}
```

Border

The CSS property to change the border of an element to Hex 7DE8DE 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
#7DE8DE }
```

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

```
.border{ border-color:#7DE8DE }
```

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

Here you see how a box with a 4 pixel #7DE8DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE8DE; -webkit-box-shadow:4px 4px  
4px 4px #7DE8DE; box-shadow:4px 4px 4px  
4px #7DE8DE }
```

Background

The CSS property to change the background color of an element to Hex 7DE8DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE8DE }
```

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

```
.background{ background-color:#7DE8DE }
```

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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