

Converting Colors

Hex(7DE8D9)

Have a look what the booklet for
Hex(7DE8D9) contains.

Hex(7DE8D9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DE8D9)

Conversions

Conversions Part 1

Format	Color
Hex	7DE8D9
RGB	125, 232, 217
RGB Percent	49%, 91%, 85%
CMY	0.5098, 0.0902, 0.1490
CMYK	0.46, 0.00, 0.06, 0.09
HSL	172°, 70%, 70%
HSV	172°, 46%, 91%
XYZ	49.8384, 67.0830, 75.9672
YIQ	198.2970, -58.9570, -27.3490

Conversions

Conversions Part 2

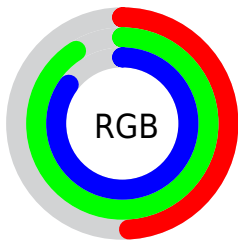
Format	Color
R _{YB}	125, 183, 232
Decimal	8251609
CIE Lab	85.55, -34.51, -2.31
CIE LCh	86, 34.582, 183.825
Yxy	67.0830, 0.2584, 0.3478
Android (android.graphics.Color)	4286441689 (0xFF7DE8D9)
YUV	198.2970, 9.2206, -64.2815
Hunter-Lab	81.9042, -34.7156, 2.3407

Details

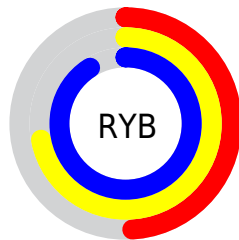
The Hex color **7DE8D9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E87D8C**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B7FFFF**, and **41B0A2** is the 20% darker color. If you saturate the color by 10%, you get **66E8D6**, and if you desaturate by 10%, it is **94E8DC**.

Distribution



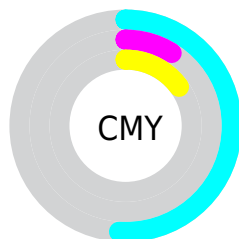
- Red (49%)
- Green (91%)
- Blue (85%)



- Red (49%)
- Yellow (72%)
- Blue (91%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE8D9 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 7DE8D9 by changing the saturation by 10% instead.

 7DE8D9

 7DE8D9

FFFFFF

 60CCBD

 B7FFFF

 41B0A2

 D5FFFF

 1B9588

 F2FFFF

 007B6F

 006156

 00493F

 003129

 001C15

 000000

 7DE8D9

 7DE8D9

 66E8D6

 94E8DC

 4FE8D2

 ABE8E0

 37E8CF

 C3E8E3

 20E8CC

 DAE8E6

 09E8C9

 F1E8E9

 00E8C7

 FFE8ED

 FFE8F0

 FFE8F3

 FFE8F6

Harmonies

Analogous

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



9FE5B8



7DE8D9



6EE7F9

Triad

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



7DE8D9



E0CCFF



FFCA9C

Complementary

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



7DE8D9



E87D8C

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.



FFC1B3



7DE8D9



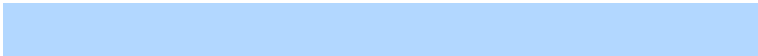
FFC2F3

Square

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



7DE8D9



B2D7FF



FFBDD3



E9D594

Rectangle

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



7DE8D9



79E3FF



FFBDD3



FFC7A2

Sweetspot

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



7DE8D9



DBFFFA



8DE87D



6A807C



000000



808080

Same Dimension

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



7DE8D9



73FFEB



7DC3E8



677371



00B399



00332C

Inverse Universe

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



E87D8C



FF7386



E8A27D



736769



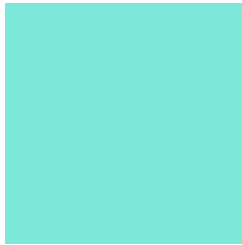
B30019



330007

Previews

White Background



This preview shows how the Hex color 7DE8D9 looks on a white background.

Color Contrast Check

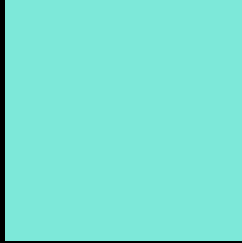
Large Text (above 18pt) WCAG AA × Fail

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 7DE8D9 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

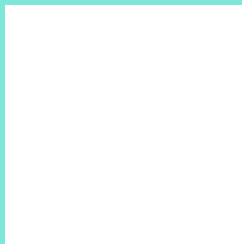
Any Text WCAG AAA ✓ Pass

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

Hex 7DE8D9 Background



This preview shows how black text looks on a background with the Hex color 7DE8D9.

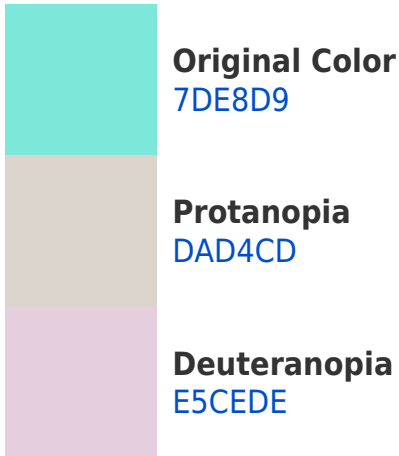


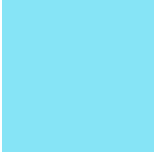
This preview shows how white text looks on a background with the Hex color 7DE8D9.

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
86E4F6

Trichromacy



Original Color
7DE8D9



Protanomaly
B8DBD1



Deuteranomaly
BFD7DC

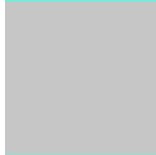


Tritanomaly
83E5EB

Monochromacy



Original Color
7DE8D9



Achromatopsia
C6C6C6



Achromatomaly
ABD2CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE8D9 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 #7DE8D9 looks like.

```
.text, #text, p{  
    color:#7DE8D9  
}
```

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 #7DE8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE8D9
}
```

Border

The CSS property to change the border of an element to Hex 7DE8D9 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
#7DE8D9 }
```

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

```
.border{ border-color:#7DE8D9 }
```

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

Here you see how a box with a 4 pixel #7DE8D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE8D9; -webkit-box-shadow:4px 4px  
4px 4px #7DE8D9; box-shadow:4px 4px 4px  
4px #7DE8D9 }
```

Background

The CSS property to change the background color of an element to Hex 7DE8D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE8D9 }
```

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

```
.background{ background-color:#7DE8D9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor