

Converting Colors

Hex(7DE5BA)

Have a look what the booklet for
Hex(7DE5BA) contains.

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Color

Hex(7DE5BA)

Conversions

Conversions Part 1

Format	Color
Hex	7DE5BA
RGB	125, 229, 186
RGB Percent	49%, 90%, 73%
CMY	0.5098, 0.1020, 0.2706
CMYK	0.45, 0.00, 0.19, 0.10
HSL	155°, 67%, 69%
HSV	155°, 45%, 90%
XYZ	45.3397, 63.9438, 56.4071
YIQ	193.0020, -48.1810, -35.4210

Conversions

Conversions Part 2

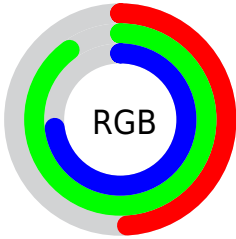
Format	Color
RYB	125, 191, 229
Decimal	8250810
CIELab	83.94, -40.08, 11.68
CIElCh	84, 41.751, 163.760
Yxy	63.9438, 0.2736, 0.3859
Android (android.graphics.Color)	4286440890 (0xFF7DE5BA)
YUV	193.0020, -3.4520, -59.6378
Hunter-Lab	79.9648, -38.7298, 14.1523

Details

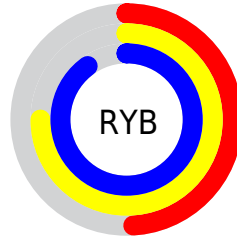
The Hex color **7DE5BA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E57DA8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B6FFF2**, and **43AD85** is the 20% darker color. If you saturate the color by 10%, you get **66E5B1**, and if you desaturate by 10%, it is **94E5C3**.

Distribution



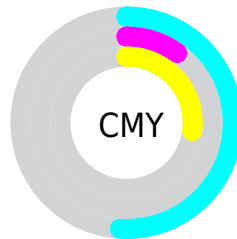
- Red (49%)
- Green (90%)
- Blue (73%)



- Red (49%)
- Yellow (75%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE5BA 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 7DE5BA by changing the saturation by 10% instead.

 7DE5BA

 7DE5BA

FFFFFF

 60C99F

 B6FFF2

 43AD85

 D3FFFF

 21926C

 F1FFFF

 007853

 005E3C

 004626

 002F12

 001600

 000000

 7DE5BA

 7DE5BA

 66E5B1

 94E5C3

 4FE5A7

 ABE5CD

 38E59E

 C2E5D6

 21E594

 D9E5E0

 0AE58B

 F0E5E9

 00E586

 FFE5F3

 FFE5FC

 FFE5FF

Harmonies

Analogous

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



AEDF97



7DE5BA



4BE7E3

Triad

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



7DE5BA



B7CFFF



FFBB9D

Complementary

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



7DE5BA



E57DA8

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.



FFB3C0



7DE5BA



EDC1FF

Square

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



7DE5BA



76DBFF



FFB6E8



FEC886

Rectangle

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



7DE5BA



39E5FC



FFB6E8



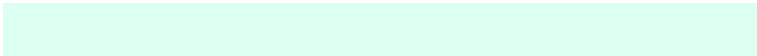
FFB7A8

Sweetspot

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



7DE5BA



DBFFF0



A8E57D



6A8077



000000



808080

Same Dimension

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



7DE5BA



75FFC6



7DDCE5



67736E



00B369



00331E

Inverse Universe

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



E57DA8



FF75AE



E5867D



73676C



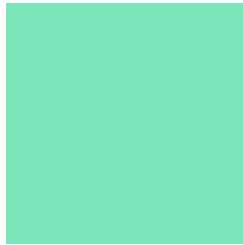
B3004A



330015

Previews

White Background



This preview shows how the Hex color 7DE5BA looks on a white background.

Color Contrast Check

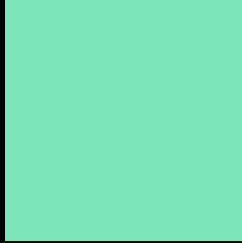
Large Text (above 18pt) WCAG AA × Fail

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 7DE5BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

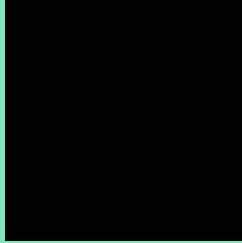
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

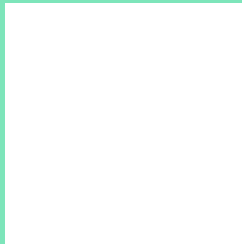
Any Text WCAG AAA ✓ Pass

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

Hex 7DE5BA Background



This preview shows how black text looks on a background with the Hex color 7DE5BA.

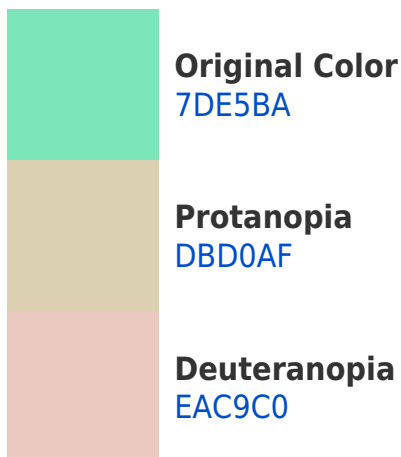


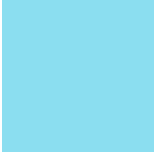
This preview shows how white text looks on a background with the Hex color 7DE5BA.

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
8BDEF0

Trichromacy



Original Color
7DE5BA



Protanomaly
B9D8B3



Deuteranomaly
C2D3BE

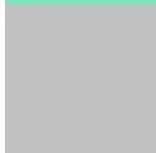


Tritanomaly
86E1DC

Monochromacy



Original Color
7DE5BA



Achromatopsia
C1C1C1



Achromatomaly
A8CEBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE5BA 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 #7DE5BA looks like.

```
.text, #text, p{  
    color:#7DE5BA  
}
```

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 #7DE5BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE5BA
}
```

Border

The CSS property to change the border of an element to Hex 7DE5BA 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
#7DE5BA }
```

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

```
.border{ border-color:#7DE5BA }
```

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

Here you see how a box with a 4 pixel #7DE5BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE5BA; -webkit-box-shadow:4px 4px  
4px 4px #7DE5BA; box-shadow:4px 4px 4px  
4px #7DE5BA }
```

Background

The CSS property to change the background color of an element to Hex 7DE5BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE5BA }
```

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

```
.background{ background-color:#7DE5BA }
```

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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