

Converting Colors

Hex(7BEDDE)

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

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Color

Hex(7BEDDE)

Conversions

Conversions Part 1

Format	Color
Hex	7BEDDE
RGB	123, 237, 222
RGB Percent	48%, 93%, 87%
CMY	0.5176, 0.0706, 0.1294
CMYK	0.48, 0.00, 0.06, 0.07
HSL	172°, 76%, 71%
HSV	172°, 48%, 93%
XYZ	51.6374, 70.0533, 79.9073
YIQ	201.2040, -63.1290, -28.8330

Conversions

Conversions Part 2

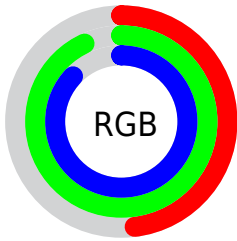
Format	Color
RYB	123, 184, 237
Decimal	8121822
CIELab	87.02, -36.08, -2.78
CIELCh	87, 36.185, 184.398
Yxy	70.0533, 0.2561, 0.3475
Android (android.graphics.Color)	4286311902 (0xFF7BEDDE)
YUV	201.2040, 10.2524, -68.5849
Hunter-Lab	83.6978, -36.3456, 1.9836

Details

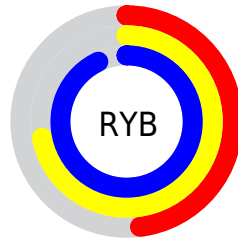
The Hex color **7BEDDE** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **ED7B8A**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B6FFFF**, and **3DB5A7** is the 20% darker color. If you saturate the color by 10%, you get **63EDDB**, and if you desaturate by 10%, it is **93EDE1**.

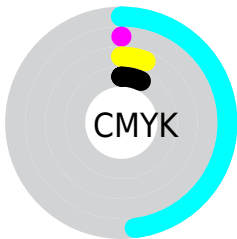
Distribution



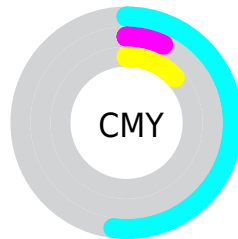
- Red (48%)
- Green (93%)
- Blue (87%)



- Red (48%)
- Yellow (72%)
- Blue (93%)



- Cyan (48%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (52%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 7BEDDE

FFFFFF

 B6FFFF

 D4FFFF

 F2FFFF

 7BEDDE

 5DD0C2

 3DB5A7

 10998D

 007F73

 00655B

 004D43

 00352D

 002119

 000000

 7BEDDE

 7BEDDE

 63EDDB

 93EDE1

 4CEDD8

 AAEDE4

 34EDD5

 C2EDE7

 1CEDD2

 DAEDEA

 04EDCE

 F2EDEE

 00EDCE

 FFEDF1

 FFEDF4

 FFEDF7

 FFEDFA

Harmonies

Analogous

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



A0EABB



7BEDDE



6BEBFF

Triad

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



7BEDDE



E5CFFF



FFCE9D

Complementary

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



7BEDDE



ED7B8A

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.



FFC4B5



7BEDDE



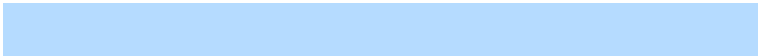
FFC5F8

Square

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



7BEDDE



B5DBFF



FFC0D6



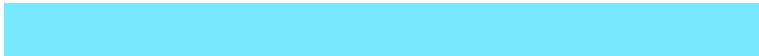
EDD995

Rectangle

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



7BEDDE



77E8FF



FFC0D6



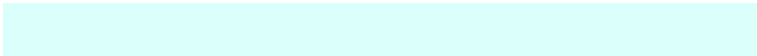
FFCAA3

Sweetspot

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



7BEDDE



DBFFFA



8AED7B



6A807D



000000



808080

Same Dimension

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



7BEDDE



6BFFEC



7BC3ED



6A7574



00B59D



00362F

Inverse Universe

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



ED7B8A



FF6B7F



EDA57B



756A6B



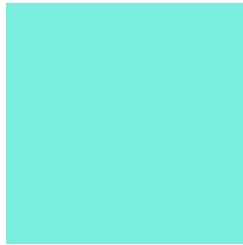
B50018



360007

Previews

White Background



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

Color Contrast Check

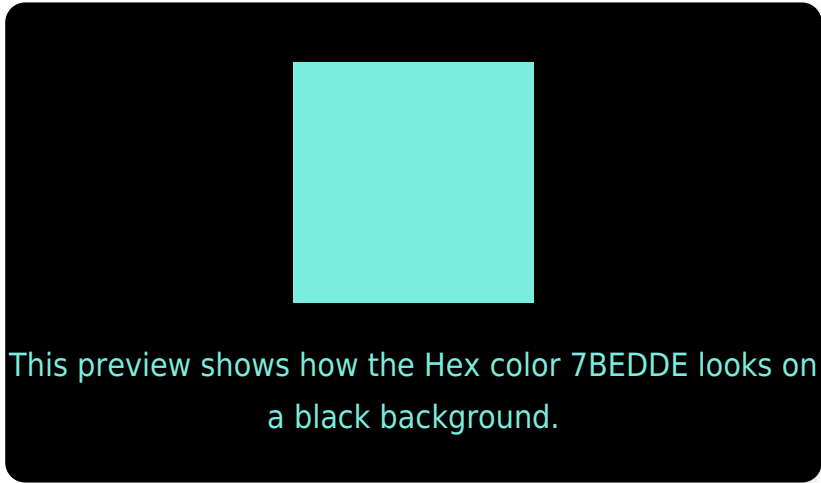
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 7BEDDE Background



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

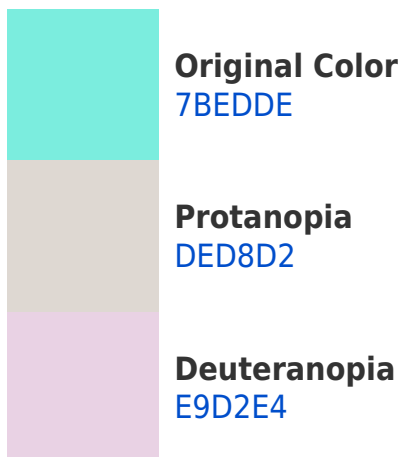


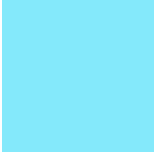
This preview shows how white text looks on a background with the Hex color 7BEDDE.

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
84E9FB

Trichromacy



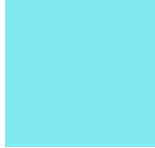
Original Color
7BEDDE



Protanomaly
BAE0D6



Deuteranomaly
C1DCE2

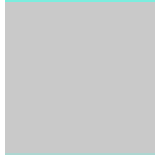


Tritanomaly
81EAF0

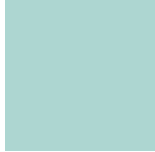
Monochromacy



Original Color
7BEDDE



Achromatopsia
C9C9C9



Achromatomaly
ADD6D1

CSS Examples

Text

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

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

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 #7BEDDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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