

Converting Colors

Hex(7BEBF3)

Have a look what the booklet for
Hex(7BEBF3) contains.

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Color

Hex(7BEBF3)

Conversions

Conversions Part 1

Format	Color
Hex	7BEBF3
RGB	123, 235, 243
RGB Percent	48%, 92%, 95%
CMY	0.5176, 0.0784, 0.0471
CMYK	0.49, 0.03, 0.00, 0.05
HSL	184°, 83%, 72%
HSV	184°, 49%, 95%
XYZ	54.0544, 70.0987, 95.4755
YIQ	202.4240, -69.3200, -21.2560

Conversions

Conversions Part 2

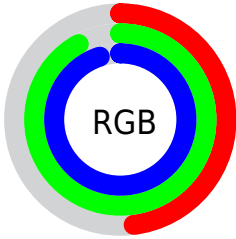
Format	Color
R _Y B	123, 181, 243
Decimal	8121331
CIE Lab	87.05, -29.91, -13.76
CIE LCh	87, 32.921, 204.715
Yxy	70.0987, 0.2461, 0.3192
Android (android.graphics.Color)	4286311411 (0xFF7BEBF3)
YUV	202.4240, 20.0040, -69.6548
Hunter-Lab	83.7250, -31.2758, -9.0037

Details

The Hex color **7BEBF3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F3837B**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B7FFFF**, and **3BB3BB** is the 20% darker color. If you saturate the color by 10%, you get **63E9F3**, and if you desaturate by 10%, it is **93EDF3**.

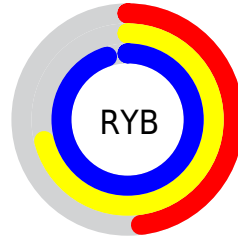
Distribution



Red (48%)

Green (92%)

Blue (95%)



Red (48%)

Yellow (71%)

Blue (95%)

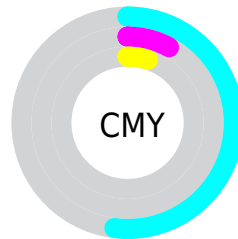


Cyan (49%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (52%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BEBF3 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 7BEBF3 by changing the saturation by 10% instead.

 7BEBF3

 7BEBF3

FFFFFF

 5CCFD7

 B7FFFF

 3BB3BB

 D5FFFF

 0498A0

 F3FFFF

 007E86

 00646C

 004C54

 00343D

 002127

 000113

 7BEBF3

 7BEBF3

 63E9F3

 93EDF3

 4AE8F3

 ACEEF3

 32E6F3

 C4F0F3

 1AE5F3

 DCF1F3

 02E3F3

 F4F3F3

 00E3F3

 FFF5F3

 FFF6F3

 FFF8F3

 FFFAF3

Harmonies

Analogous

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



8FEBD3



7BEBF3



85E7FF

Triad

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



7BEBF3



FDCAFF



F6D69C

Complementary

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



7BEBF3



F3837B

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.



FFCCA8



7BEBF3



FFC4E1

Square

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



7BEBF3



D7D4FF



FFC4C1



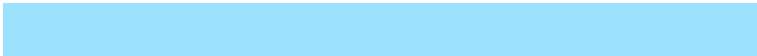
D5E0A1

Rectangle

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



7BEBF3



9CE2FF



FFC4C1



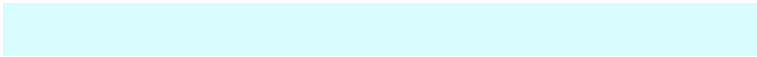
FFD39E

Sweetspot

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



7BEBF3



D9FCFF



7BF383



697E80



000000



808080

Same Dimension

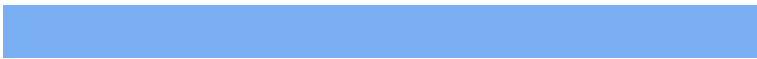
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7BEBF3



69F5FF



7BAFF3



6E7A7A



00AEBA



00373B

Inverse Universe

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



F37BEB



FF69F5



F3BF7B



7A6E7A



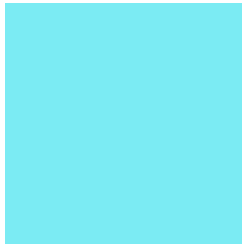
BA00AE



3B0037

Previews

White Background



This preview shows how the Hex color 7BEBF3 looks on a white background.

Color Contrast Check

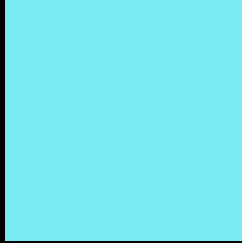
Large Text (above 18pt) WCAG AA × Fail

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 7BEBF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

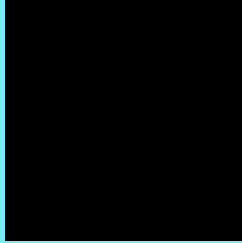
Any Text WCAG AA ✓ Pass

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 7BEBF3 Background



This preview shows how black text looks on a background with the Hex color 7BEBF3.

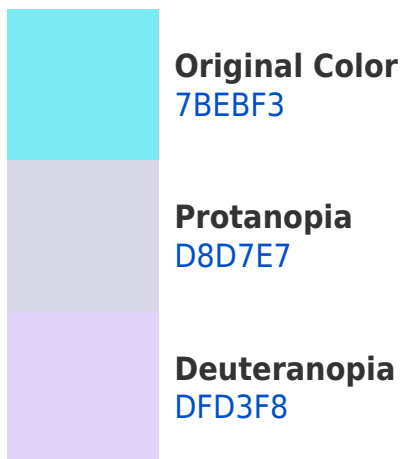


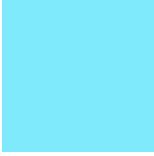
This preview shows how white text looks on a background with the Hex color 7BEBF3.

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



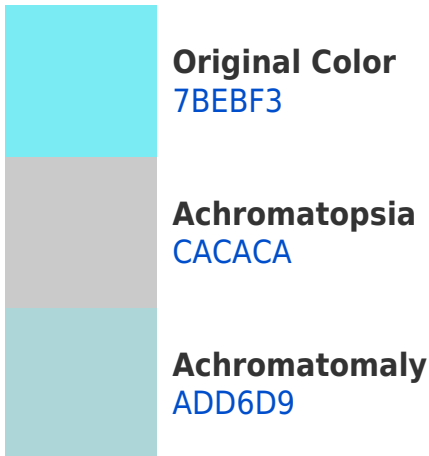


Tritanopia
7EEAFC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BEBF3 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 #7BEBF3 looks like.

```
.text, #text, p{  
    color:#7BEBF3  
}
```

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 #7BEBF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BEBF3
}
```

Border

The CSS property to change the border of an element to Hex 7BEBF3 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
#7BEBF3 }
```

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

```
.border{ border-color:#7BEBF3 }
```

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

Here you see how a box with a 4 pixel #7BEBF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BEBF3; -webkit-box-shadow:4px 4px  
4px 4px #7BEBF3; box-shadow:4px 4px 4px  
4px #7BEBF3 }
```

Background

The CSS property to change the background color of an element to Hex 7BEBF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BEBF3 }
```

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

```
.background{ background-color:#7BEBF3 }
```

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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