

Converting Colors

Hex(7BBFB3)

Have a look what the booklet for
Hex(7BBFB3) contains.

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Color

Hex(7BBFB3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7BBFB3 |
| RGB | 123, 191, 179 |
| RGB Percent | 48%, 75%, 70% |
| CMY | 0.5176, 0.2510, 0.2980 |
| CMYK | 0.36, 0.00, 0.06, 0.25 |
| HSL | 169°, 35%, 62% |
| HSV | 169°, 36%, 75% |
| XYZ | 34.9359, 44.7272, 49.4397 |
| YIQ | 169.3000, -36.6760, -18.1480 |

Conversions

Conversions Part 2

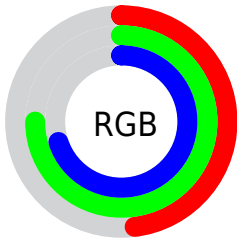
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 123, 160, 191 |
| Decimal | 8110003 |
| CIELab | 72.71, -24.22, -0.77 |
| CIELCh | 73, 24.228, 181.822 |
| Yxy | 44.7272, 0.2706, 0.3464 |
| Android (android.graphics.Color) | 4286300083 (0xFF7BBFB3) |
| YUV | 169.3000, 4.7821, -40.6051 |
| Hunter-Lab | 66.8784, -23.7926, 2.9849 |

Details

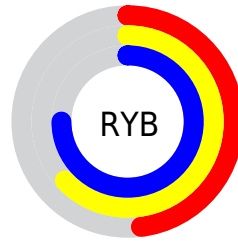
The Hex color **7BBFB3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BF7B87**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B2F8EB**, and **46897E** is the 20% darker color. If you saturate the color by 10%, you get **68BFB0**, and if you desaturate by 10%, it is **8EBFB6**.

Distribution



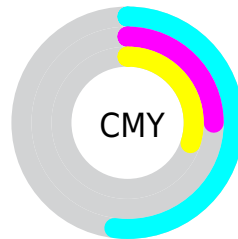
- Red (48%)
- Green (75%)
- Blue (70%)



- Red (48%)
- Yellow (63%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (52%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BBFB3 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 7BBFB3 by changing the saturation by 10% instead.



7BBFB3



7BBFB3

FFFFFF



60A498



B2F8EB



46897E



CEFFFF



2B7065



EBFFFF



09574E



003F37



002922



00110B



000000



7BBFB3



7BBFB3

 68BFB0

 8EBFB6

 55BFAC

 A1BFBA

 42BFA9


 B4BFBD

 2FBFA6

 C7BFC0

 1CBFA2

 DBBFC4

 08BF9F

 EEBFC7

 00BF9D

 FFBFCB

 FFBFCE

 FFBFD1

Harmonies

Analogous

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



90BD9D



7BBFB3



73BEC9

Triad

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



7BBFB3



B8ACD8



D5AA8C

Complementary

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



7BBFB3



BF7B87

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.



DFA49C



7BBFB3



D0A6C8

Square

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



7BBFB3



9AB4DE



DEA2B2



C2B186

Rectangle

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



7BBFB3



78BCD4



DEA2B2



D9A890

Sweetspot

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



7BBFB3



DCF7F3



87BF7B



6D7D7A



FCFCFC



7D7D7D

Same Dimension

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



7BBFB3



8DF7E5



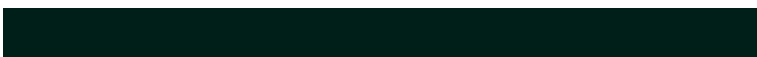
7BA9BF



555E5D



009E82



001F19

Inverse Universe

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



BF7B87



F78DA0



BF917B



5E5557



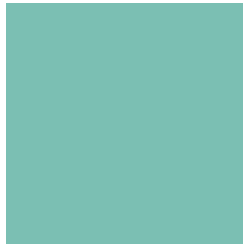
9E001C



1F0005

Previews

White Background



This preview shows how the Hex color 7BBFB3 looks on a white background.

Color Contrast Check

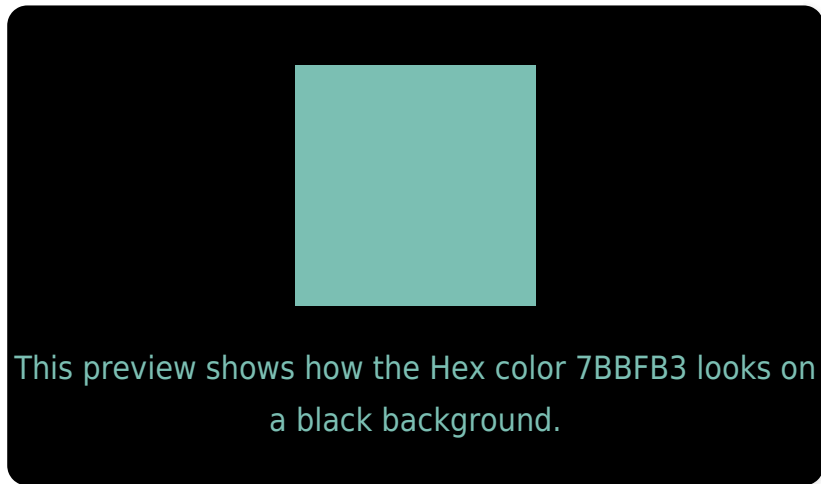
Large Text (above 18pt) WCAG AA × Fail

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

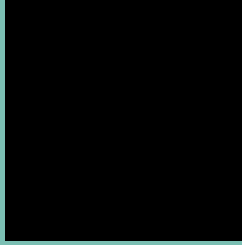
Any Text WCAG AA ✓ Pass

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 7BBFB3 Background



This preview shows how black text looks on a background with the Hex color 7BBFB3.

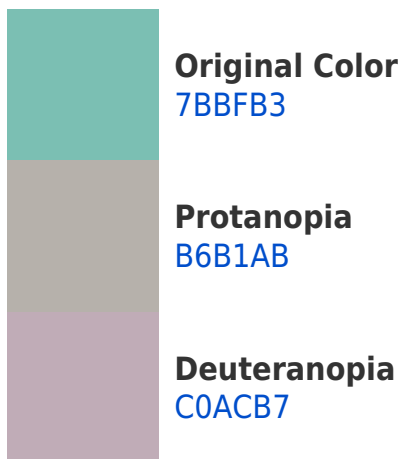


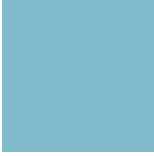
This preview shows how white text looks on a background with the Hex color 7BBFB3.

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



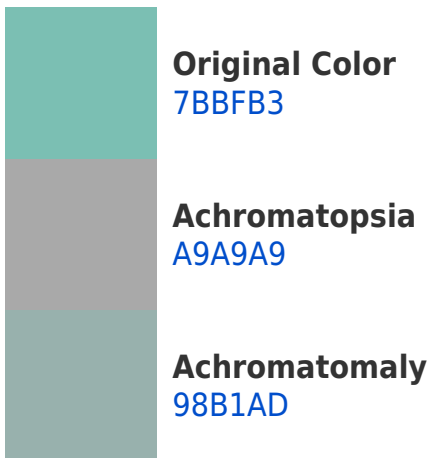


Tritanopia
81BBCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BBFB3 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 #7BBFB3 looks like.

```
.text, #text, p{  
    color:#7BBFB3  
}
```

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 #7BBFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BBFB3
}
```

Border

The CSS property to change the border of an element to Hex 7BBFB3 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
#7BBFB3 }
```

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

```
.border{ border-color:#7BBFB3 }
```

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

Here you see how a box with a 4 pixel #7BBFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BBFB3; -webkit-box-shadow:4px 4px  
4px 4px #7BBFB3; box-shadow:4px 4px 4px  
4px #7BBFB3 }
```

Background

The CSS property to change the background color of an element to Hex 7BBFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BBFB3 }
```

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

```
.background{ background-color:#7BBFB3 }
```

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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