

Converting Colors

Hex(7FBED5)

Have a look what the booklet for
Hex(7FBED5) contains.

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Color

Hex(7FBED5)

Conversions

Conversions Part 1

Format	Color
Hex	7FBED5
RGB	127, 190, 213
RGB Percent	50%, 75%, 84%
CMY	0.5020, 0.2549, 0.1647
CMYK	0.40, 0.11, 0.00, 0.16
HSL	196°, 51%, 67%
HSV	196°, 40%, 84%
XYZ	39.1761, 46.1430, 69.7925
YIQ	173.7850, -44.9310, -6.2030

Conversions

Conversions Part 2

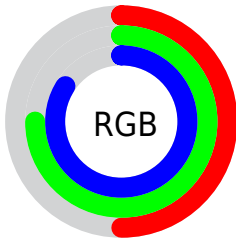
Format	Color
RYB	127, 163, 213
Decimal	8371925
CIELab	73.64, -14.27, -17.89
CIELCh	74, 22.886, 231.434
Yxy	46.1430, 0.2526, 0.2975
Android (android.graphics.Color)	4286562005 (0xFF7FBED5)
YUV	173.7850, 19.3330, -41.0304
Hunter-Lab	67.9287, -15.9299, -13.3667

Details

The Hex color **7FBED5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D5967F**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B7F6FF**, and **48899E** is the 20% darker color. If you saturate the color by 10%, you get **6AB8D5**, and if you desaturate by 10%, it is **94C4D5**.

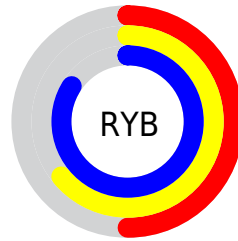
Distribution



Red (50%)

Green (75%)

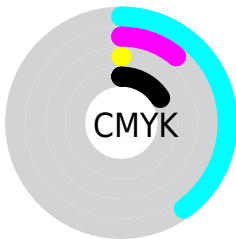
Blue (84%)



Red (50%)

Yellow (64%)

Blue (84%)

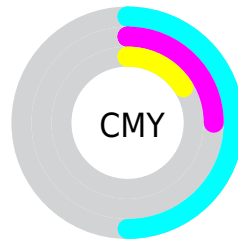


Cyan (40%)

Magenta (11%)

Yellow (0%)

Black (16%)



Cyan (50%)

Magenta (25%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FBED5 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 7FBED5 by changing the saturation by 10% instead.

7FBED5

7FBED5

FFFFFF

64A3B9

B7F6FF

48899E

D4FFFF

2B6F84

F1FFFF

02576B

003F53

00293C

001626

000110

000000

 7FBED5

 7FBED5

 6AB8D5

 94C4D5

 54B3D5

 AAC9D5

 3FADD5

 BFCFD5

 2AA7D5

 D4D5D5

 14A2D5

 EADAD5

 009CD5

 FFE0D5

 FFE6D5

 FFECD5

 FFF1D5

Harmonies

Analogous

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



7AC1C3



7FBED5



94B9DE

Triad

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



7FBED5



DBA6BC



B5B88E

Complementary

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



7FBED5



D5967F

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.



CBB18C



7FBED5



E0A7A7

Square

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



7FBED5



CAABCF



DAAB95



9DBE9A

Rectangle

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



7FBED5



A7B4DE



DAAB95



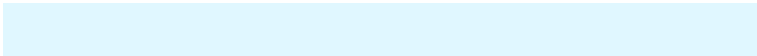
BDB68C

Sweetspot

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



7FBED5



E0F7FF



7FD596



6E7B80



000000



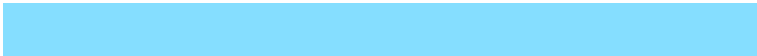
808080

Same Dimension

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



7FBED5



85DEFF



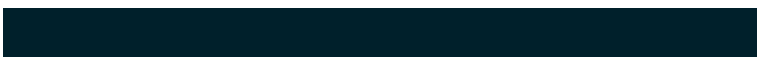
7F93D5



60686B



007DAB



00202B

Inverse Universe

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



D57FBE



FF85DE



D5C17F



6B6068



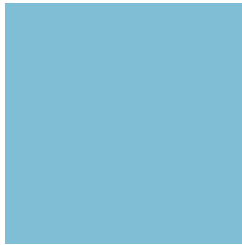
AB007D



2B0020

Previews

White Background



This preview shows how the Hex color 7FBED5 looks on a white background.

Color Contrast Check

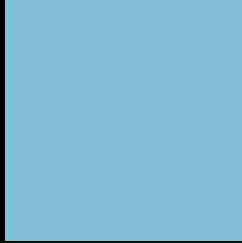
Large Text (above 18pt) WCAG AA × Fail

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 7FBED5 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 7FBED5 Background



This preview shows how black text looks on a background with the Hex color 7FBED5.

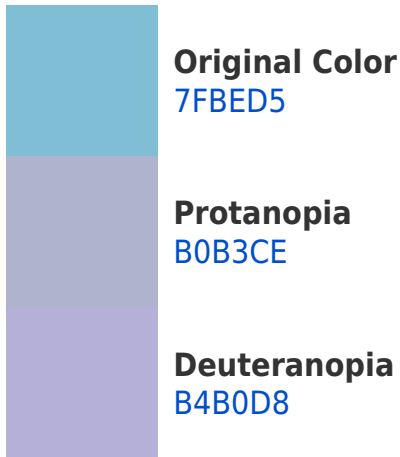


This preview shows how white text looks on a background with the Hex color 7FBED5.

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](#).

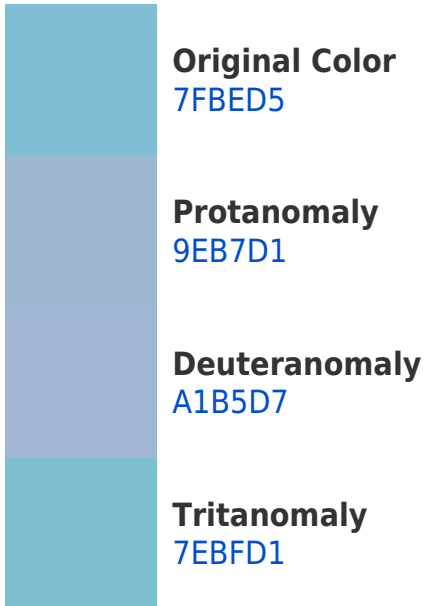
Dichromacy



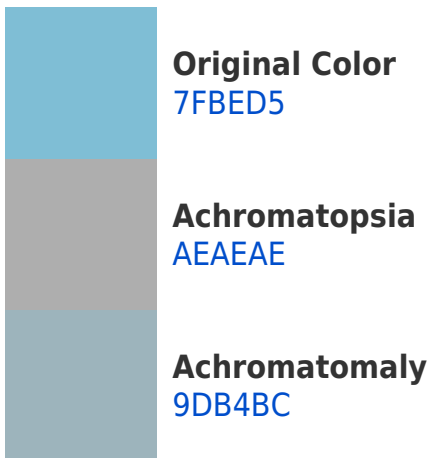


Tritanopia
7DBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FBED5 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 #7FBED5 looks like.

```
.text, #text, p{  
    color:#7FBED5  
}
```

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 #7FBED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FBED5
}
```

Border

The CSS property to change the border of an element to Hex 7FBED5 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
#7FBED5 }
```

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

```
.border{ border-color:#7FBED5 }
```

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

Here you see how a box with a 4 pixel #7FBED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FBED5; -webkit-box-shadow:4px 4px  
4px 4px #7FBED5; box-shadow:4px 4px 4px  
4px #7FBED5 }
```

Background

The CSS property to change the background color of an element to Hex 7FBED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FBED5 }
```

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

```
.background{ background-color:#7FBED5 }
```

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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