

Converting Colors

Hex(7EBED4)

Have a look what the booklet for
Hex(7EBED4) contains.

Hex(7EBED4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7EBED4)

Conversions

Conversions Part 1

Format	Color
Hex	7EBED4
RGB	126, 190, 212
RGB Percent	49%, 75%, 83%
CMY	0.5059, 0.2549, 0.1686
CMYK	0.41, 0.10, 0.00, 0.17
HSL	195°, 50%, 66%
HSV	195°, 41%, 83%
XYZ	38.9013, 46.0160, 69.1190
YIQ	173.3720, -45.2060, -6.7260

Conversions

Conversions Part 2

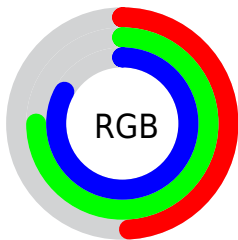
Format	Color
RYB	126, 163, 212
Decimal	8306388
CIELab	73.56, -14.78, -17.48
CIElCh	74, 22.894, 229.775
Yxy	46.0160, 0.2525, 0.2987
Android (android.graphics.Color)	4286496468 (0xFF7EBED4)
YUV	173.3720, 19.0436, -41.5452
Hunter-Lab	67.8351, -16.3472, -12.9276

Details

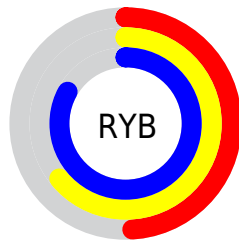
The Hex color **7EBED4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D4947E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B6F6FF**, and **47899D** is the 20% darker color. If you saturate the color by 10%, you get **69B9D4**, and if you desaturate by 10%, it is **93C3D4**.

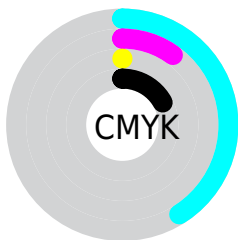
Distribution



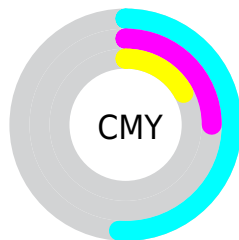
- Red (49%)
- Green (75%)
- Blue (83%)



- Red (49%)
- Yellow (64%)
- Blue (83%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (51%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EBED4 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 7EBED4 by changing the saturation by 10% instead.

 7EBED4

 7EBED4

FFFFFF

 63A3B8

 B6F6FF

 47899D

 D3FFFF

 2A6F83


 F0FFFF

 00576A

 003F52

 00293B

 001625

 00010F

 000000

 7EBED4

 7EBED4

 69B9D4

 93C3D4

 54B3D4

 A8C9D4

 3EAED4

 BECED4

 29A8D4

 D3D4D4

 14A3D4

 E8D9D4

 009ED4

 FDDFD4

 FFE4D4

 FFE9D4

 FFEFD4

Harmonies

Analogous

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



7AC1C2



7EBED4



93B9DD

Triad

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



7EBED4



DAA6BD



B6B88D

Complementary

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



7EBED4



D4947E

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



7EBED4



E0A6A7

Square

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



7EBED4



C9ABD0



DBAA95



9EBD99

Rectangle

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



7EBED4



A5B4DE



DBAA95



BEB68B

Sweetspot

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



7EBED4



E0F7FF



7ED493



6E7B80



000000



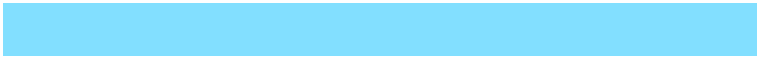
808080

Same Dimension

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



7EBED4



82DFFF



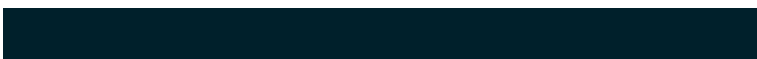
7E93D4



60686B



007FAB



00202B

Inverse Universe

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



D47EBE



FF82DF



D4BF7E



6B6068



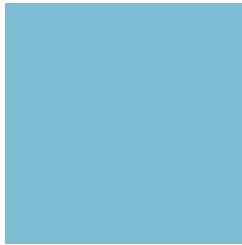
AB007F



2B0020

Previews

White Background



This preview shows how the Hex color 7EBED4 looks on a white background.

Color Contrast Check

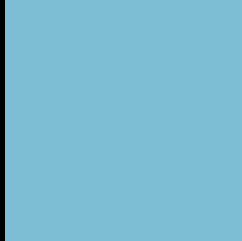
Large Text (above 18pt) WCAG AA × Fail

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 7EBED4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

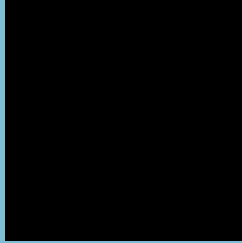
Any Text WCAG AA ✓ Pass

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 7EBED4 Background



This preview shows how black text looks on a background with the Hex color 7EBED4.



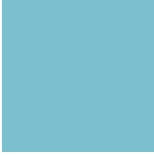
This preview shows how white text looks on a background with the Hex color 7EBED4.

Color Blindness Simulation

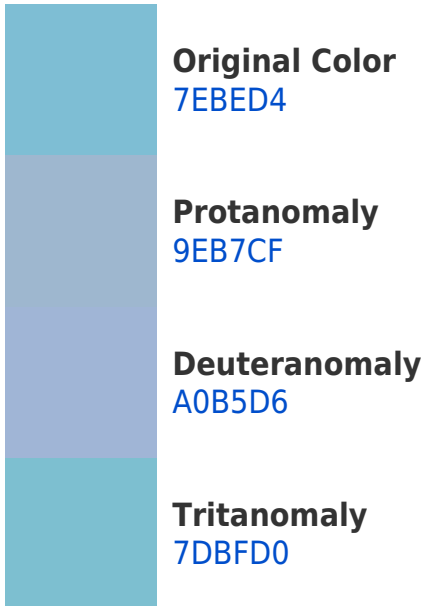
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

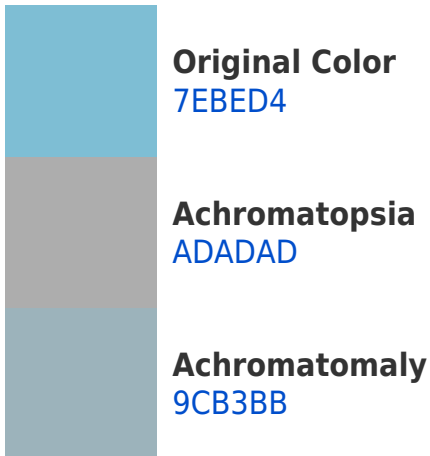




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EBED4 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 #7EBED4 looks like.

```
.text, #text, p{  
    color:#7EBED4  
}
```

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 #7EBED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EBED4
}
```

Border

The CSS property to change the border of an element to Hex 7EBED4 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
#7EBED4 }
```

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

```
.border{ border-color:#7EBED4 }
```

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

Here you see how a box with a 4 pixel #7EBED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EBED4; -webkit-box-shadow:4px 4px  
4px 4px #7EBED4; box-shadow:4px 4px 4px  
4px #7EBED4 }
```

Background

The CSS property to change the background color of an element to Hex 7EBED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EBED4 }
```

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

```
.background{ background-color:#7EBED4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor