

Converting Colors

Hex(7EBBF1)

Have a look what the booklet for
Hex(7EBBF1) contains.

Hex(7EBBF1)	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(7EBBF1)

Conversions

Conversions Part 1

Format	Color
Hex	7EBBF1
RGB	126, 187, 241
RGB Percent	49%, 73%, 95%
CMY	0.5059, 0.2667, 0.0549
CMYK	0.48, 0.22, 0.00, 0.05
HSL	208°, 80%, 72%
HSV	208°, 48%, 95%
XYZ	42.2517, 46.3271, 89.9342
YIQ	174.9170, -53.6900, 3.8620

Conversions

Conversions Part 2

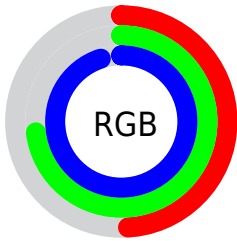
Format	Color
R _Y B	126, 166, 241
Decimal	8305649
CIE Lab	73.76, -5.29, -32.90
CIE LCh	74, 33.320, 260.869
Yxy	46.3271, 0.2367, 0.2595
Android (android.graphics.Color)	4286495729 (0xFF7EBBF1)
YUV	174.9170, 32.5789, -42.9002
Hunter-Lab	68.0640, -8.3057, -30.6961

Details

The Hex color **7EBBF1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1B47E**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B8F3FF**, and **4386B9** is the 20% darker color. If you saturate the color by 10%, you get **66B0F1**, and if you desaturate by 10%, it is **96C6F1**.

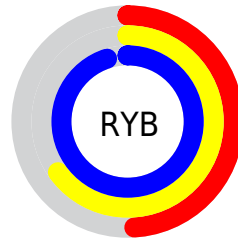
Distribution



Red (49%)

Green (73%)

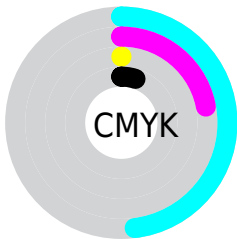
Blue (95%)



Red (49%)

Yellow (65%)

Blue (95%)

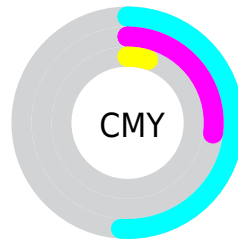


Cyan (48%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (51%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EBBF1 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 7EBBF1 by changing the saturation by 10% instead.

 7EBBF1

 7EBBF1


FFFFFF

 61A0D5

 B8F3FF

 4386B9

 D5FFFF

 216D9E

 F2FFFF

 005583

 003E6A

 002851

 00143A

 000224

 00000C

 7EBBF1

 7EBBF1

 66B0F1

 96C6F1

 4EA4F1

 AED2F1

 3699F1

 C6DDF1

 1E8EF1

 DEE8F1

 0682F1

 F7F4F1

 0080F1

 FFFFF1

Harmonies

Analogous

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



57C2E4



7EBBF1



ACB1EE

Triad

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



7EBBF1



F29FA1



91C18E

Complementary

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



7EBBF1



F1B47E

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.



B4BA7B



7EBBF1



E9A687

Square

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



7EBBF1



EB9FC0



D3B079



6DC5AB

Rectangle

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



7EBBF1



C8A9E4



D3B079



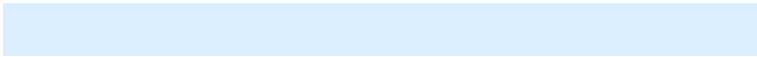
9DBF86

Sweetspot

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



7EBBF1



DBEEFF



7EF1B4



6A7580



000000



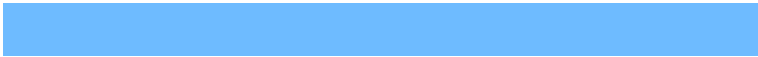
808080

Same Dimension

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



7EBBF1



6EBBFF



7E82F1



6C7278



0061B8



001E38

Inverse Universe

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



F17EBB



FF6EBB



F1ED7E



786C72



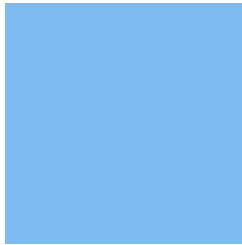
B80061



38001E

Previews

White Background



This preview shows how the Hex color 7EBBF1 looks on a white background.

Color Contrast Check

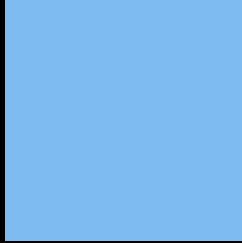
Large Text (above 18pt) WCAG AA × Fail

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 7EBBF1 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

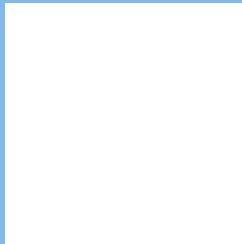
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7EBBF1 Background



This preview shows how black text looks on a background with the Hex color 7EBBF1.

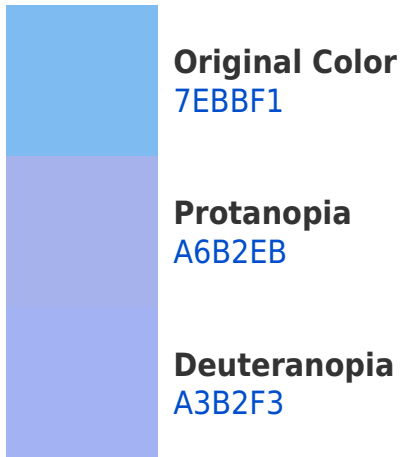


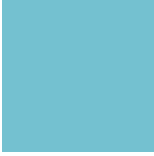
This preview shows how white text looks on a background with the Hex color 7EBBF1.

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](#).

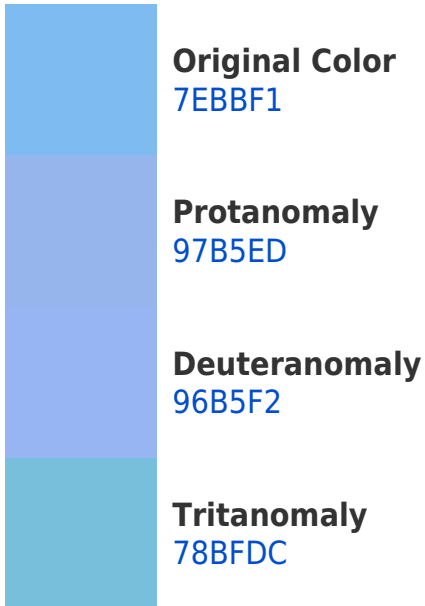
Dichromacy



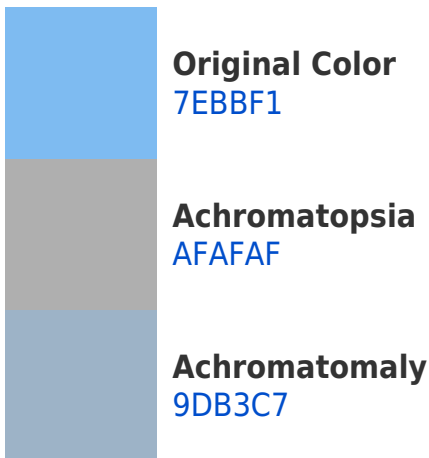


Tritanopia
74C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EBBF1 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 #7EBBF1 looks like.

```
.text, #text, p{  
    color:#7EBBF1  
}
```

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 #7EBBF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EBBF1
}
```

Border

The CSS property to change the border of an element to Hex 7EBBF1 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
#7EBBF1 }
```

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

```
.border{ border-color:#7EBBF1 }
```

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

Here you see how a box with a 4 pixel #7EBBF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EBBF1; -webkit-box-shadow:4px 4px  
4px 4px #7EBBF1; box-shadow:4px 4px 4px  
4px #7EBBF1 }
```

Background

The CSS property to change the background color of an element to Hex 7EBBF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EBBF1 }
```

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

```
.background{ background-color:#7EBBF1 }
```

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