

Converting Colors

Hex(7FB0E2)

Have a look what the booklet for
Hex(7FB0E2) contains.

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Color

Hex(7FB0E2)

Conversions

Conversions Part 1

Format	Color
Hex	7FB0E2
RGB	127, 176, 226
RGB Percent	50%, 69%, 89%
CMY	0.5020, 0.3098, 0.1137
CMYK	0.44, 0.22, 0.00, 0.11
HSL	210°, 63%, 69%
HSV	210°, 44%, 89%
XYZ	38.0052, 41.0537, 77.8726
YIQ	167.0490, -45.2540, 5.1620

Conversions

Conversions Part 2

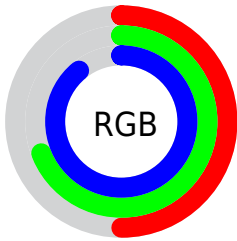
Format	Color
R_{YB}	127, 160, 226
Decimal	8368354
CIE _{Lab}	70.21, -3.25, -30.21
CIE _{LCh}	70, 30.387, 263.859
Yxy	41.0537, 0.2422, 0.2616
Android (android.graphics.Color)	4286558434 (0xFF7FB0E2)
YUV	167.0490, 29.0628, -35.1230
Hunter-Lab	64.0731, -6.2501, -27.2081

Details

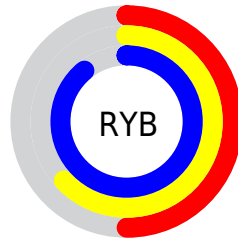
The Hex color **7FB0E2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E2B17F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B7E7FF**, and **477CAA** is the 20% darker color. If you saturate the color by 10%, you get **68A5E2**, and if you desaturate by 10%, it is **96BBE2**.

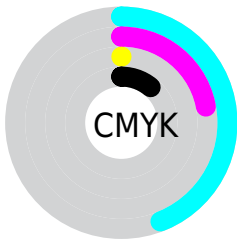
Distribution



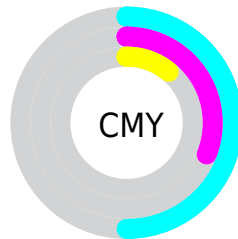
- Red (50%)
- Green (69%)
- Blue (89%)



- Red (50%)
- Yellow (63%)
- Blue (89%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (50%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB0E2 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 7FB0E2 by changing the saturation by 10% instead.

■ 7FB0E2

■ 7FB0E2

FFFFFF

■ 6395C6

■ B7E7FF

■ 477CAA

■ D4FFFF

■ 296390

■ F2FFFF

■ 004B76

■ 00355D

■ 002045

■ 00052F

■ 000119

■ 000000

 7FB0E2

 7FB0E2

 68A5E2

 96BBE2

 5299E2

 ACC7E2

 3B8EE2

 C3D2E2

 2582E2

 D9DEE2

 0E77E2

 F0E9E2

 0070E2

 FFF4E2

 FFFFE2

Harmonies

Analogous

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



5CB7D7



7FB0E2



A8A7DE

Triad

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



7FB0E2



E39897



88B78A

Complementary

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



7FB0E2



E2B17F

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.



A8B179



7FB0E2



D99F80

Square

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



7FB0E2



DE98B2



C4A875



69BBA5

Rectangle

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



7FB0E2



C0A0D4



C4A875



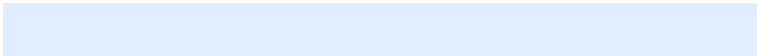
93B583

Sweetspot

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



7FB0E2



DDEEFF



7FE2B1



6B7580



000000



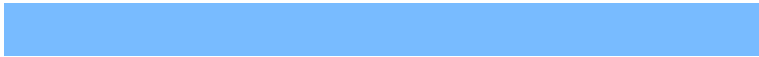
808080

Same Dimension

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



7FB0E2



78BBFF



7F7FE2



656B70



0057B0



001830

Inverse Universe

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



E27FB0



FF78BB



E2E27F



70656B



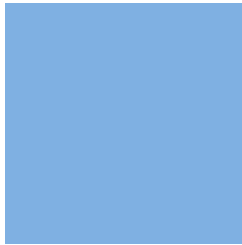
B00057



300018

Previews

White Background



This preview shows how the Hex color 7FB0E2 looks on a white background.

Color Contrast Check

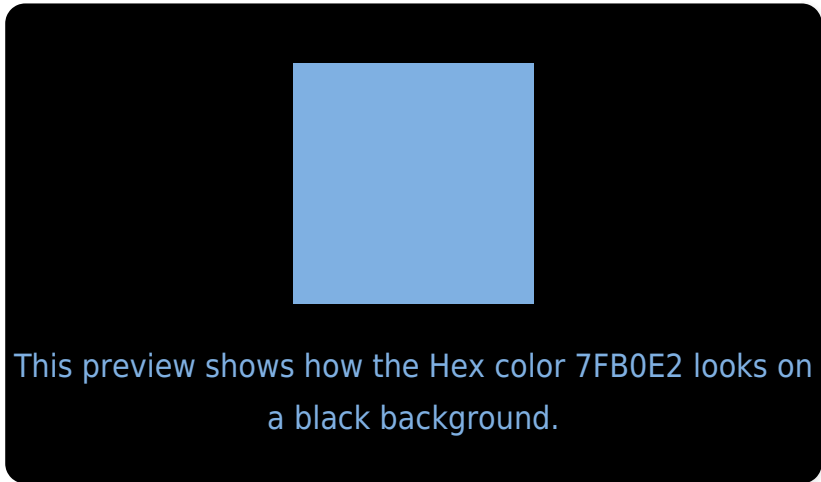
Large Text (above 18pt) WCAG AA × Fail

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

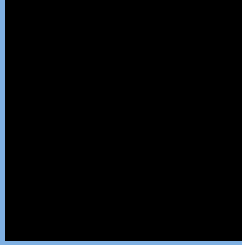
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

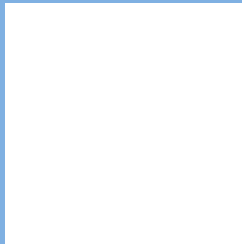
Any Text WCAG AAA ✓ Pass

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

Hex 7FB0E2 Background



This preview shows how black text looks on a background with the Hex color 7FB0E2.

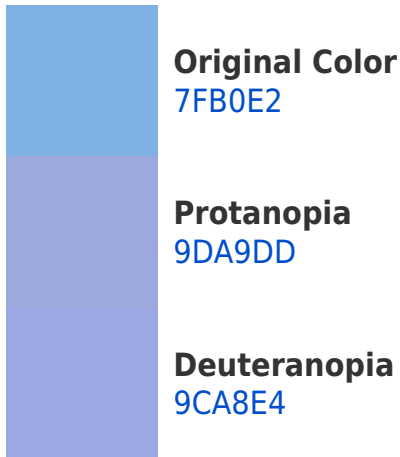


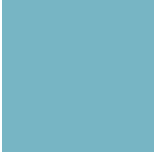
This preview shows how white text looks on a background with the Hex color 7FB0E2.

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](#).

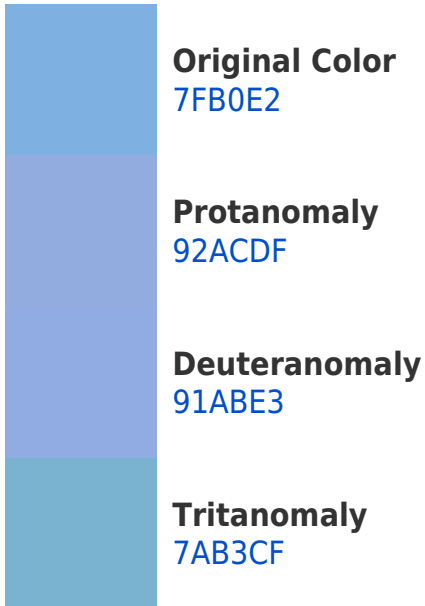
Dichromacy



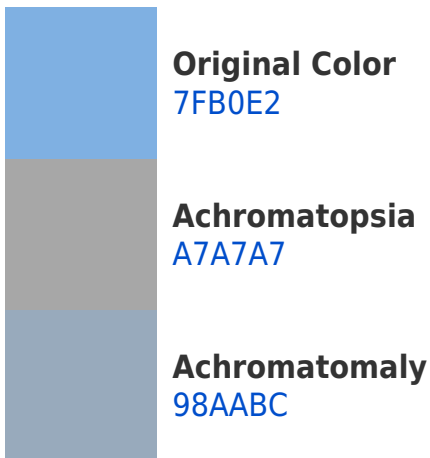


Tritanopia
77B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB0E2 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 #7FB0E2 looks like.

```
.text, #text, p{  
    color:#7FB0E2  
}
```

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 #7FB0E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB0E2
}
```

Border

The CSS property to change the border of an element to Hex 7FB0E2 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
#7FB0E2 }
```

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

```
.border{ border-color:#7FB0E2 }
```

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

Here you see how a box with a 4 pixel #7FB0E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB0E2; -webkit-box-shadow:4px 4px  
4px 4px #7FB0E2; box-shadow:4px 4px 4px  
4px #7FB0E2 }
```

Background

The CSS property to change the background color of an element to Hex 7FB0E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB0E2 }
```

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

```
.background{ background-color:#7FB0E2 }
```

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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