

Converting Colors

Hex(7BA2EB)

Have a look what the booklet for
Hex(7BA2EB) contains.

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Color

Hex(7BA2EB)

Conversions

Conversions Part 1

Format	Color
Hex	7BA2EB
RGB	123, 162, 235
RGB Percent	48%, 64%, 92%
CMY	0.5176, 0.3647, 0.0784
CMYK	0.48, 0.31, 0.00, 0.08
HSL	219°, 74%, 70%
HSV	219°, 48%, 92%
XYZ	36.0841, 36.0498, 83.6537
YIQ	158.6610, -46.6770, 14.4350

Conversions

Conversions Part 2

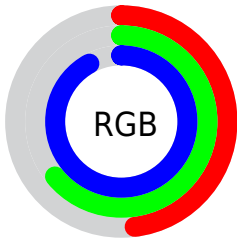
Format	Color
RYB	123, 152, 235
Decimal	8102635
CIELab	66.56, 6.19, -40.84
CIElCh	67, 41.303, 278.622
Yxy	36.0498, 0.2316, 0.2314
Android (android.graphics.Color)	4286292715 (0xFF7BA2EB)
YUV	158.6610, 37.6351, -31.2747
Hunter-Lab	60.0415, 2.2035, -40.5777

Details

The Hex color **7BA2EB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBC47B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B4D9FF**, and **416FB3** is the 20% darker color. If you saturate the color by 10%, you get **6493EB**, and if you desaturate by 10%, it is **93B1EB**.

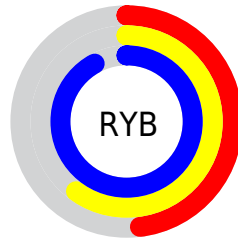
Distribution



Red (48%)

Green (64%)

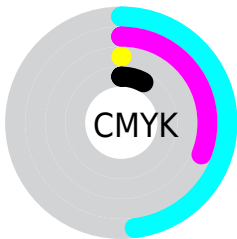
Blue (92%)



Red (48%)

Yellow (60%)

Blue (92%)

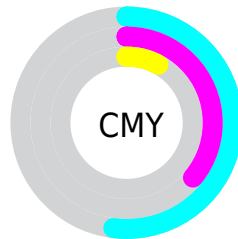


Cyan (48%)

Magenta (31%)

Yellow (0%)

Black (8%)



Cyan (52%)

Magenta (36%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BA2EB 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 7BA2EB by changing the saturation by 10% instead.

 7BA2EB

 7BA2EB

FFFFFF

 5F88CF

 B4D9FF

 416FB3

 D1F5FF

 1F5798

 EFFFFFF

 00407E

 002A64

 00174C

 000535

 00021E

 000001

 7BA2EB

 7BA2EB

 6493EB

 93B1EB

 4C83EB

 AAC1EB

 3474EB

 C2D0EB

 1D65EB

 D9DFEB

 0555EB

 F0EFEB

 0052EB

 FFFEEB

 FFFFEB

Harmonies

Analogous

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



27ADE6



7BA2EB



B494DC

Triad

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



7BA2EB



E48A75



56B386

Complementary

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



7BA2EB



EBC47B

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.



87AD66



7BA2EB



CF965D

Square

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



7BA2EB



E98498



AFA357



00B5AC

Rectangle

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



7BA2EB



CF8CC9



AFA357



68B27A

Sweetspot

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



7BA2EB



DBE8FF



7BEBC4



6A7180



000000



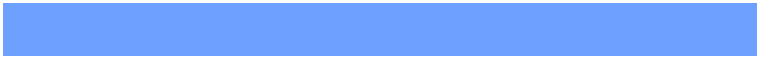
808080

Same Dimension

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



7BA2EB



6EA0FF



8C7BEB



6A6E75



003FB5



001336

Inverse Universe

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



EB7BA2



FF6EA0



DAEB7B



756A6E



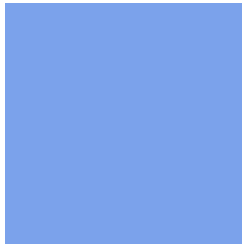
B5003F



360013

Previews

White Background



This preview shows how the Hex color 7BA2EB looks on a white background.

Color Contrast Check

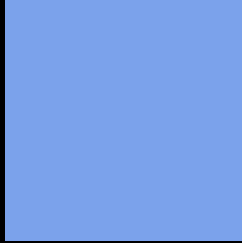
Large Text (above 18pt) WCAG AA × Fail

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 7BA2EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

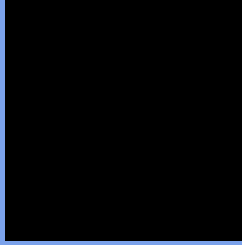
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

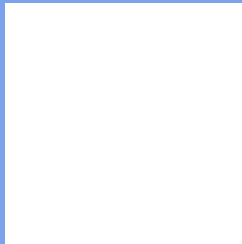
Any Text WCAG AAA ✓ Pass

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

Hex 7BA2EB Background



This preview shows how black text looks on a background with the Hex color 7BA2EB.



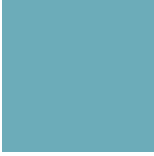
This preview shows how white text looks on a background with the Hex color 7BA2EB.

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](#).

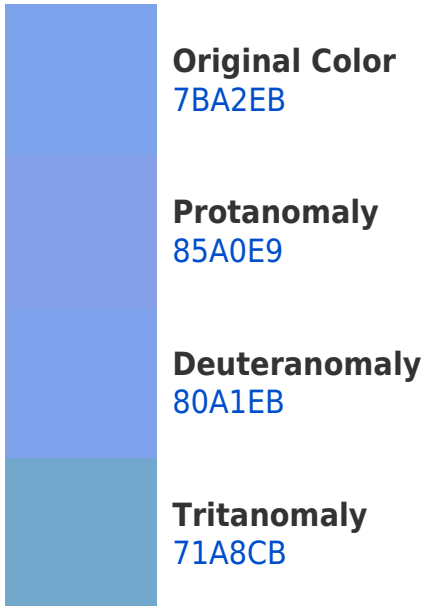
Dichromacy



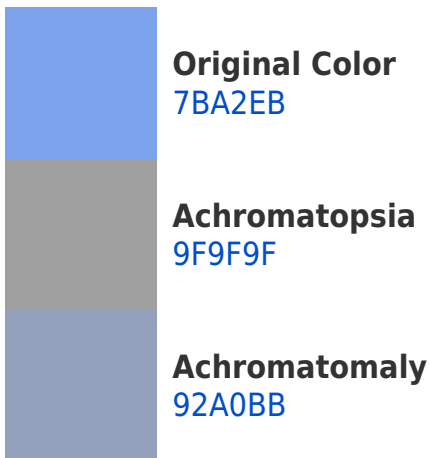


Tritanopia
6CACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BA2EB 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 #7BA2EB looks like.

```
.text, #text, p{  
    color:#7BA2EB  
}
```

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 #7BA2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA2EB  
}
```

Border

The CSS property to change the border of an element to Hex 7BA2EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

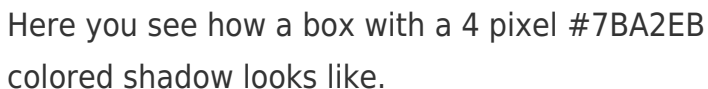
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7BA2EB }
```

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

```
.border{ border-color:#7BA2EB }
```

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



Here you see how a box with a 4 pixel #7BA2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA2EB; -webkit-box-shadow:4px 4px  
4px 4px #7BA2EB; box-shadow:4px 4px 4px  
4px #7BA2EB }
```

Background

The CSS property to change the background color of an element to Hex 7BA2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA2EB }
```

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

```
.background{ background-color:#7BA2EB }
```

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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