

Converting Colors

Hex(7BA1EA)

Have a look what the booklet for
Hex(7BA1EA) contains.

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Color

Hex(7BA1EA)

Conversions

Conversions Part 1

Format	Color
Hex	7BA1EA
RGB	123, 161, 234
RGB Percent	48%, 63%, 92%
CMY	0.5176, 0.3686, 0.0824
CMYK	0.47, 0.31, 0.00, 0.08
HSL	219°, 73%, 70%
HSV	219°, 47%, 92%
XYZ	35.7645, 35.6412, 82.8363
YIQ	157.9600, -46.0810, 14.6470

Conversions

Conversions Part 2

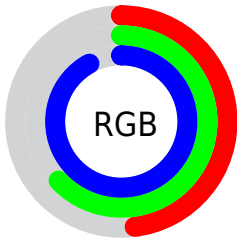
Format	Color
RYB	123, 151, 234
Decimal	8102378
CIELab	66.24, 6.47, -40.78
CIElCh	66, 41.287, 279.015
Yxy	35.6412, 0.2319, 0.2311
Android (android.graphics.Color)	4286292458 (0xFF7BA1EA)
YUV	157.9600, 37.4877, -30.6599
Hunter-Lab	59.7003, 2.4582, -40.4769

Details

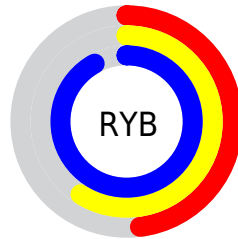
The Hex color **7BA1EA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EAC47B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B4D8FF**, and **416EB2** is the 20% darker color. If you saturate the color by 10%, you get **6492EA**, and if you desaturate by 10%, it is **92B0EA**.

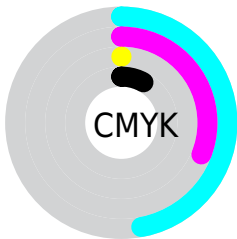
Distribution



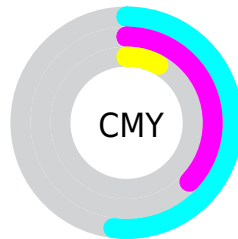
- Red (48%)
- Green (63%)
- Blue (92%)



- Red (48%)
- Yellow (59%)
- Blue (92%)



- Cyan (47%)
- Magenta (31%)
- Yellow (0%)
- Black (8%)



- Cyan (52%)
- Magenta (37%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BA1EA 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 7BA1EA by changing the saturation by 10% instead.

 7BA1EA

 7BA1EA

FFFFFF

 5F87CE

 B4D8FF

 416EB2

 D1F4FF

 1F5697

 EFFFFFF

 003F7D

 002A63

 00164B

 000434

 00021E

 000000

 7BA1EA

 7BA1EA

 6492EA

 92B0EA

 4C82EA

 AAC0EA

 3573EA

 C1CFEA

 1D63EA

 D9DFEA

 0654EA

 F0EEEA

 0050EA

 FFFDEA

 FFFFEA

Harmonies

Analogous

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



27ACE6



7BA1EA



B393DB

Triad

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



7BA1EA



E38974



55B285

Complementary

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



7BA1EA



EAC47B

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.



85AC66



7BA1EA



CE965C

Square

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



7BA1EA



E88397



AEA356



00B5AB

Rectangle

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



7BA1EA



CE8BC8



AEA356



66B17A

Sweetspot

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



7BA1EA



DBE8FF



7BEAC3



6A7180



000000



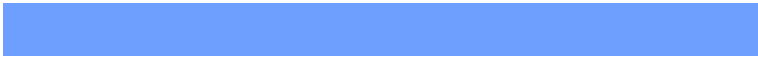
808080

Same Dimension

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



7BA1EA



6E9FFF



8C7BEA



6A6E75



003EB5



001236

Inverse Universe

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



EA7BA1



FF6E9F



D9EA7B



756A6E



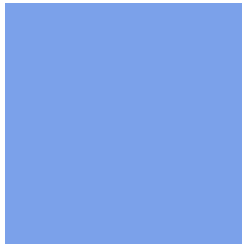
B5003E



360012

Previews

White Background



This preview shows how the Hex color 7BA1EA looks on a white background.

Color Contrast Check

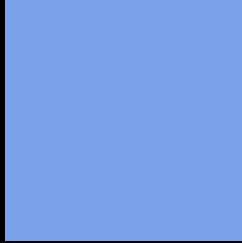
Large Text (above 18pt) WCAG AA × Fail

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 7BA1EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

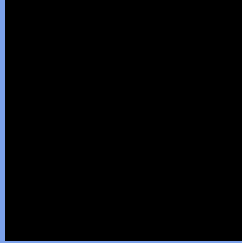
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

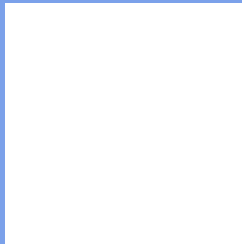
Any Text WCAG AAA ✓ Pass

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

Hex 7BA1EA Background



This preview shows how black text looks on a background with the Hex color 7BA1EA.



This preview shows how white text looks on a background with the Hex color 7BA1EA.

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

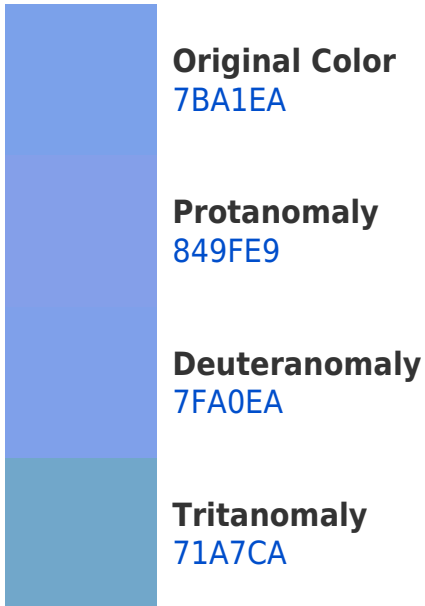


Original Color
7BA1EA

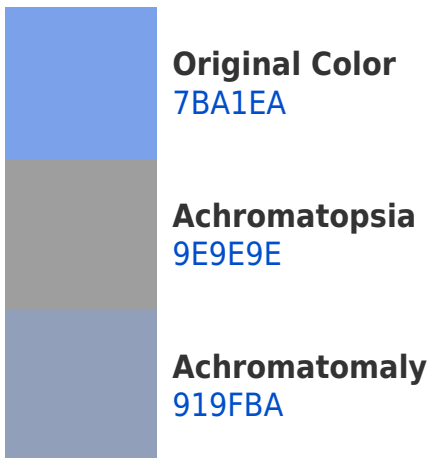
Protanopia
899EE8

Deuteranopia
829FEA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BA1EA 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 #7BA1EA looks like.

```
.text, #text, p{  
    color:#7BA1EA  
}
```

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 #7BA1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA1EA
}
```

Border

The CSS property to change the border of an element to Hex 7BA1EA 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
#7BA1EA }
```

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

```
.border{ border-color:#7BA1EA }
```

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

Here you see how a box with a 4 pixel #7BA1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA1EA; -webkit-box-shadow:4px 4px  
4px 4px #7BA1EA; box-shadow:4px 4px 4px  
4px #7BA1EA }
```

Background

The CSS property to change the background color of an element to Hex 7BA1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA1EA }
```

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

```
.background{ background-color:#7BA1EA }
```

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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