

Converting Colors

Hex(71B4EA)

Have a look what the booklet for
Hex(71B4EA) contains.

Hex(71B4EA)	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(71B4EA)

Conversions

Conversions Part 1

Format	Color
Hex	71B4EA
RGB	113, 180, 234
RGB Percent	44%, 71%, 92%
CMY	0.5569, 0.2941, 0.0824
CMYK	0.52, 0.23, 0.00, 0.08
HSL	207°, 74%, 68%
HSV	207°, 52%, 92%
XYZ	37.9826, 42.0937, 83.9649
YIQ	166.1230, -57.2660, 2.5900

Conversions

Conversions Part 2

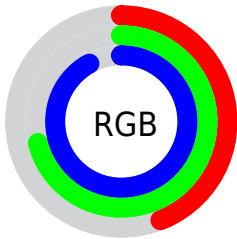
Format	Color
R _Y B	113, 156, 234
Decimal	7451882
CIE Lab	70.94, -6.44, -33.52
CIE LCh	71, 34.128, 259.130
Yxy	42.0937, 0.2315, 0.2566
Android (android.graphics.Color)	4285641962 (0xFF71B4EA)
YUV	166.1230, 33.4634, -46.5889
Hunter-Lab	64.8797, -9.0400, -31.3152

Details

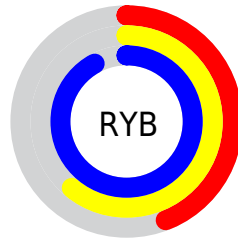
The Hex color **71B4EA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EAA771**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ABECFF**, and **337FB2** is the 20% darker color. If you saturate the color by 10%, you get **5AAAEA**, and if you desaturate by 10%, it is **88BEEA**.

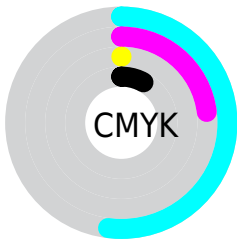
Distribution



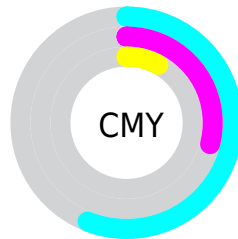
- Red (44%)
- Green (71%)
- Blue (92%)



- Red (44%)
- Yellow (61%)
- Blue (92%)



- Cyan (52%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (56%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B4EA 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 71B4EA by changing the saturation by 10% instead.

 71B4EA

 71B4EA

FFFFFF

 5399CE

 ABECFF

 337FB2

 C8FFFF

 006697

 E6FFFF

 004F7D

 003864

 00234C

 000B35

 00021F

 000002

71B4EA

71B4EA

5AAAEA

88BEEA

429FEA

A0C9EA

2B95EA

B7D3EA

138AEA

CFDEEA

0082EA

E6E8EA

FDF3EA

FFFDEA

FFFFEA

Harmonies

Analogous

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



47BBDC



71B4EA



A2AAE8

Triad

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



71B4EA



EB979B



8BBA84

Complementary

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



71B4EA



EAA771

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.



AFB272



71B4EA



E39D80

Square

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



71B4EA



E397BA



CDA871



65BEA1

Rectangle

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



71B4EA



BEA2DE



CDA871



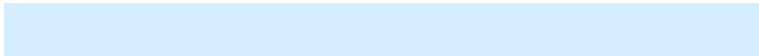
97B77C

Sweetspot

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



71B4EA



D6EDFF



71EAA5



677580



000000



808080

Same Dimension

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



71B4EA



61B8FF



7179EA



6A7075



0064B5



001E36

Inverse Universe

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



EA71B4



FF61B8



EAE271



756A70



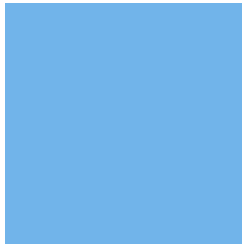
B50064



36001E

Previews

White Background



This preview shows how the Hex color 71B4EA looks on a white background.

Color Contrast Check

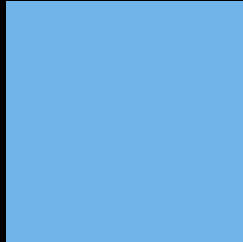
Large Text (above 18pt) WCAG AA × Fail

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 71B4EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

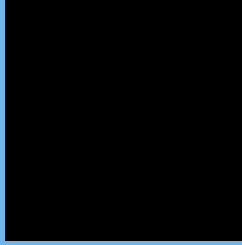
Any Text WCAG AA ✓ Pass

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 71B4EA Background



This preview shows how black text looks on a background with the Hex color 71B4EA.

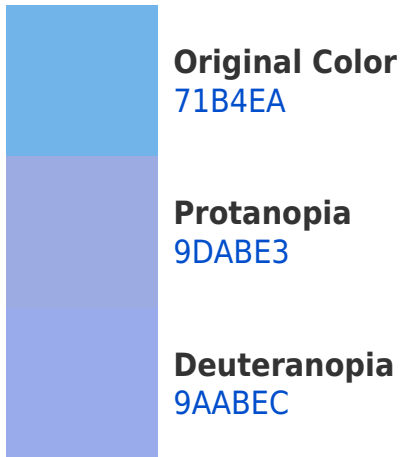


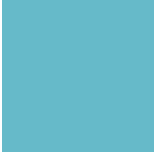
This preview shows how white text looks on a background with the Hex color 71B4EA.

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](#).

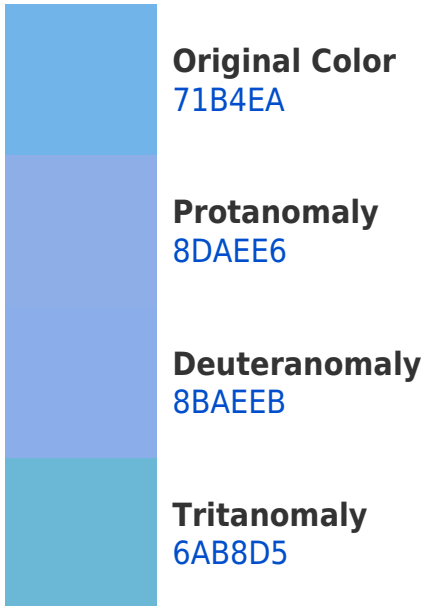
Dichromacy



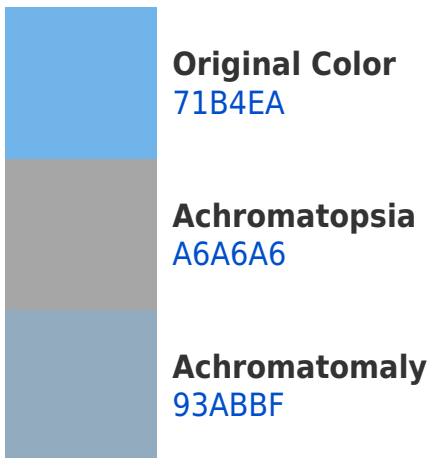


Tritanopia
66BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B4EA 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 #71B4EA looks like.

```
.text, #text, p{  
    color:#71B4EA  
}
```

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 #71B4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B4EA
}
```

Border

The CSS property to change the border of an element to Hex 71B4EA 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
#71B4EA }
```

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

```
.border{ border-color:#71B4EA }
```

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

Here you see how a box with a 4 pixel #71B4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B4EA; -webkit-box-shadow:4px 4px  
4px 4px #71B4EA; box-shadow:4px 4px 4px  
4px #71B4EA }
```

Background

The CSS property to change the background color of an element to Hex 71B4EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B4EA }
```

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

```
.background{ background-color:#71B4EA }
```

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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