

# Converting Colors

Hex(71A2E7)

Have a look what the booklet for  
Hex(71A2E7) contains.

|  |    |
|--|----|
| <b>Hex(71A2E7)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(71A2E7)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 71A2E7                      |
| RGB         | 113, 162, 231               |
| RGB Percent | 44%, 64%, 91%               |
| CMY         | 0.5569, 0.3647, 0.0941      |
| CMYK        | 0.51, 0.30, 0.00, 0.09      |
| HSL         | 215°, 71%, 67%              |
| HSV         | 215°, 51%, 91%              |
| XYZ         | 34.1542, 35.1209, 80.5802   |
| YIQ         | 155.2150, -51.3530, 11.0710 |

# Conversions

## Conversions Part 2

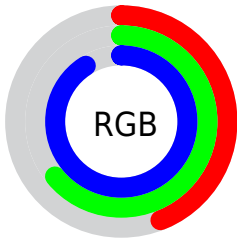
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 113, 148, 231                  |
| Decimal                             | 7447271                        |
| CIE Lab                             | 65.84, 2.70, -39.80            |
| CIE LCh                             | 66, 39.889, 273.884            |
| Yxy                                 | 35.1209, 0.2279,<br>0.2344     |
| Android<br>(android.graphics.Color) | 4285637351<br>(0xFF71A2E7)     |
| YUV                                 | 155.2150, 37.3620,<br>-37.0226 |
| Hunter-Lab                          | 59.2629, -0.8375,<br>-39.1331  |

# Details

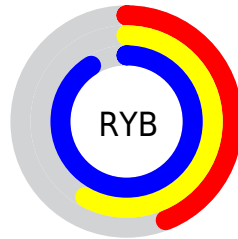
The Hex color **71A2E7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E7B671**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ABD9FF**, and **356FAF** is the 20% darker color. If you saturate the color by 10%, you get **5A94E7**, and if you desaturate by 10%, it is **88B0E7**.

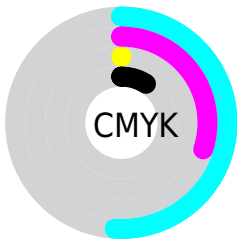
# Distribution



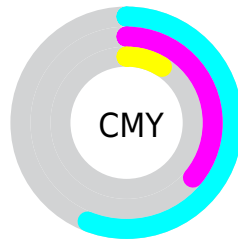
- Red (44%)
- Green (64%)
- Blue (91%)



- Red (44%)
- Yellow (58%)
- Blue (91%)



- Cyan (51%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (56%)
- Magenta (36%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A2E7 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 71A2E7 by changing the saturation by 10% instead.



■ 71A2E7

■ 71A2E7

FFFFFF

■ 5488CB

■ ABD9FF

■ 356FAF

■ C8F5FF

■ 055794

■ E5FFFF

■ 00407A

■ 002A61

■ 001649

■ 000432

■ 00011C

■ 000000

■ 71A2E7

■ 71A2E7

■ 5A94E7

■ 88B0E7

■ 4387E7

■ 9FBDE7

■ 2C79E7

■ B6CBE7

■ 156CE7

■ CDD8E7

■ 0060E7

■ E5E6E7

■ FCF3E7

■ FFFFE7

# Harmonies

## Analogous

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



1DACDF



71A2E7



AA95DB

# Triad

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



71A2E7



E2887A



60B07F

# Complementary

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



71A2E7



E7B671

# 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.



8DAA63



71A2E7



D09360

# Square

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



71A2E7



E3839D



B29F57



1FB3A4

# Rectangle

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



71A2E7



C68CCB



B29F57



70AE74

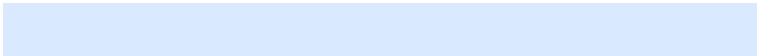


# Sweetspot

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



71A2E7



D9E9FF



71E7B6



697280



000000



808080



# Same Dimension

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



71A2E7



63A4FF



7B71E7



676C73



004AB3



001533



# Inverse Universe

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



E771A2



FF63A4



DDE771



73676C



B3004A

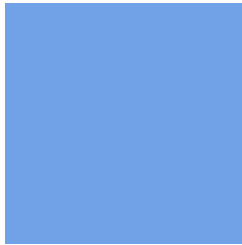


330015



# Previews

## White Background



This preview shows how the Hex color 71A2E7 looks on a white background.

## Color Contrast Check

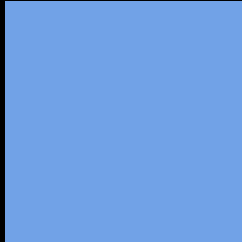
Large Text (above 18pt) WCAG AA × Fail

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 71A2E7 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

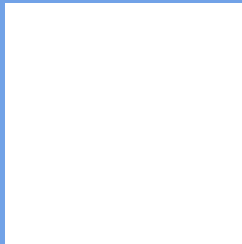
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71A2E7 Background



This preview shows how black text looks on a background with the Hex color 71A2E7.

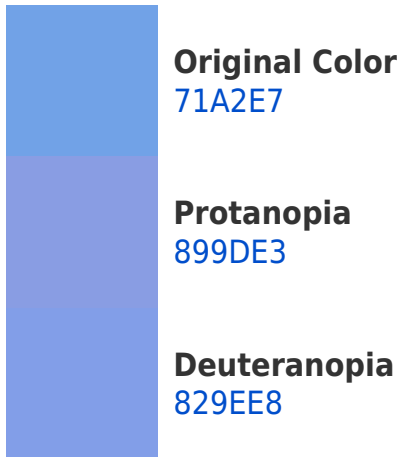


This preview shows how white text looks on a background with the Hex color 71A2E7.

# 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](#).

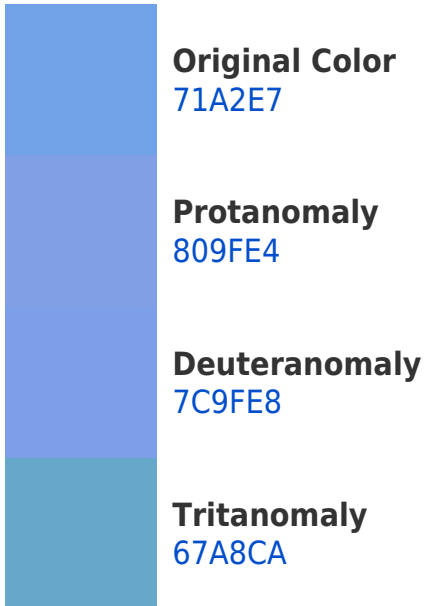
## Dichromacy



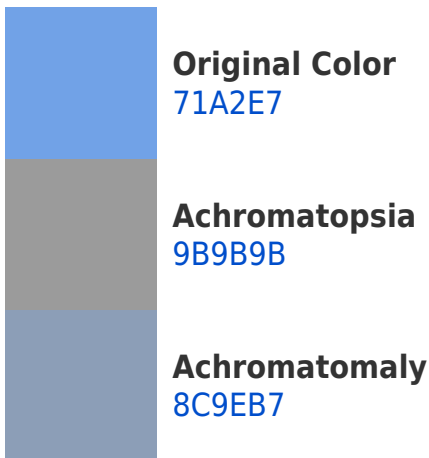


**Tritanopia**  
62ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A2E7 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 #71A2E7 looks like.

```
.text, #text, p{  
    color:#71A2E7  
}
```

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 #71A2E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A2E7
}
```

## Border

The CSS property to change the border of an element to Hex 71A2E7 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
#71A2E7 }
```

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

```
.border{ border-color:#71A2E7 }
```

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

Here you see how a box with a 4 pixel #71A2E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A2E7; -webkit-box-shadow:4px 4px  
4px 4px #71A2E7; box-shadow:4px 4px 4px  
4px #71A2E7 }
```

# Background

The CSS property to change the background color of an element to Hex 71A2E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A2E7 }
```

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

```
.background{ background-color:#71A2E7 }
```

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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