

Converting Colors

Hex(72A8EE)

Have a look what the booklet for
Hex(72A8EE) contains.

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Color

Hex(72A8EE)

Conversions

Conversions Part 1

Format	Color
Hex	72A8EE
RGB	114, 168, 238
RGB Percent	45%, 66%, 93%
CMY	0.5529, 0.3412, 0.0667
CMYK	0.52, 0.29, 0.00, 0.07
HSL	214°, 78%, 69%
HSV	214°, 52%, 93%
XYZ	36.3747, 37.7557, 86.2594
YIQ	159.8340, -54.6540, 10.3220

Conversions

Conversions Part 2

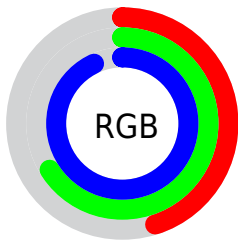
Format	Color
RYB	114, 152, 238
Decimal	7514350
CIELab	67.84, 1.63, -40.51
CIELCh	68, 40.541, 272.310
Yxy	37.7557, 0.2268, 0.2354
Android (android.graphics.Color)	4285704430 (0xFF72A8EE)
YUV	159.8340, 38.5358, -40.1964
Hunter-Lab	61.4457, -1.8613, -40.2212

Details

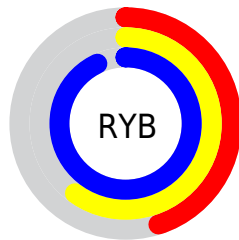
The Hex color **72A8EE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EEB872**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ACDFFF**, and **3474B6** is the 20% darker color. If you saturate the color by 10%, you get **5A9BEE**, and if you desaturate by 10%, it is **8AB5EE**.

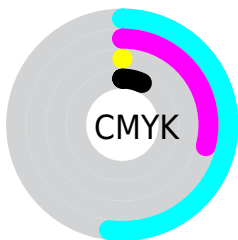
Distribution



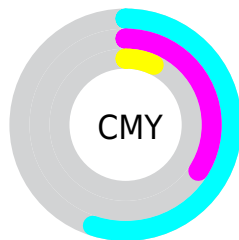
- Red (45%)
- Green (66%)
- Blue (93%)



- Red (45%)
- Yellow (60%)
- Blue (93%)



- Cyan (52%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (34%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72A8EE 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 72A8EE by changing the saturation by 10% instead.

 72A8EE

 72A8EE

FFFFFF

 548ED2

 ACDFFF

 3474B6

 C9FBFF

 005C9B

 E7FFFF

 004580

 002F67

 001B4E

 000537

 000221

 000006

■ 72A8EE

■ 72A8EE

■ 5A9BEE

■ 8AB5EE

■ 428DEE

■ A2C3EE

■ 2B80EE

■ B9D0EE

■ 1372EE

■ D1DEEE

■ 0068EE

■ E9EBEE

■ FFF9EE

■ FFFFEE

Harmonies

Analogous

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



1BB2E5



72A8EE



AD9BE3

Triad

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



72A8EE



EA8C80



67B682

Complementary

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



72A8EE



EEB872

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.



94AF66



72A8EE



D89765

Square

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



72A8EE



EA88A4



BAA45B



28B9A7

Rectangle

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



72A8EE



CA92D2



BAA45B



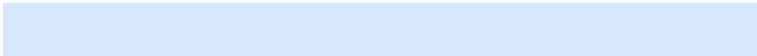
77B477

Sweetspot

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



72A8EE



D6E8FF



72EEB6



677280



000000



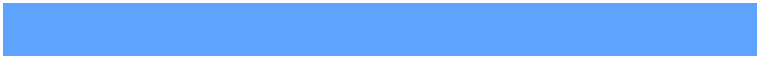
808080

Same Dimension

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



72A8EE



5EA4FF



7872EE



6C7178



0050B8



001838

Inverse Universe

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



EE72A8



FF5EA4



E8EE72



786C71



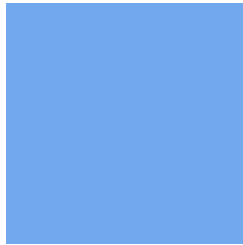
B80050



380018

Previews

White Background



This preview shows how the Hex color 72A8EE looks on a white background.

Color Contrast Check

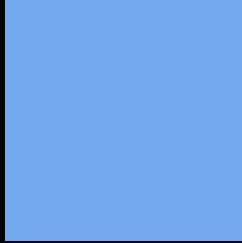
Large Text (above 18pt) WCAG AA × Fail

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 72A8EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

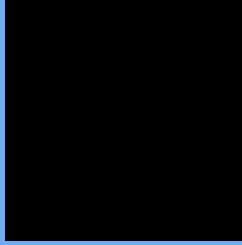
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

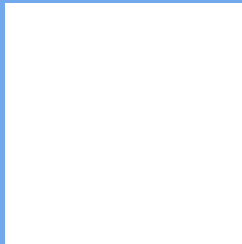
Any Text WCAG AAA ✓ Pass

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

Hex 72A8EE Background



This preview shows how black text looks on a background with the Hex color 72A8EE.

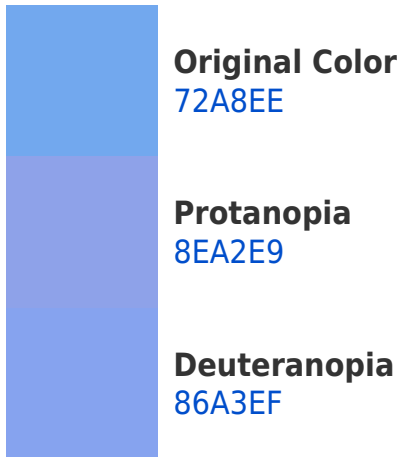


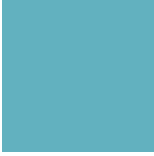
This preview shows how white text looks on a background with the Hex color 72A8EE.

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](#).

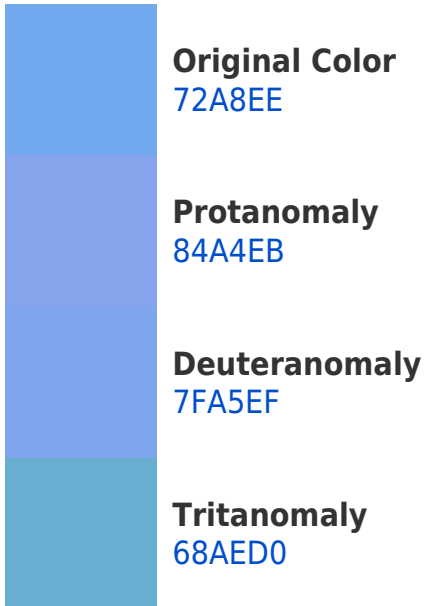
Dichromacy



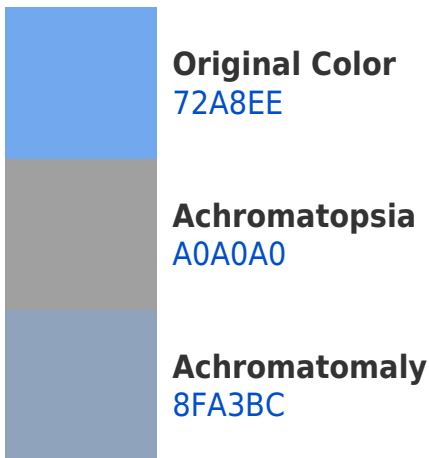


Tritanopia
62B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72A8EE 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 #72A8EE looks like.

```
.text, #text, p{  
    color:#72A8EE  
}
```

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 #72A8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A8EE
}
```

Border

The CSS property to change the border of an element to Hex 72A8EE 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
#72A8EE }
```

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

```
.border{ border-color:#72A8EE }
```

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

Here you see how a box with a 4 pixel #72A8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A8EE; -webkit-box-shadow:4px 4px  
4px 4px #72A8EE; box-shadow:4px 4px 4px  
4px #72A8EE }
```

Background

The CSS property to change the background color of an element to Hex 72A8EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A8EE }
```

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

```
.background{ background-color:#72A8EE }
```

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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