

Converting Colors

Hex(72A2EA)

Have a look what the booklet for
Hex(72A2EA) contains.

Hex(72A2EA)	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(72A2EA)

Conversions

Conversions Part 1

Format	Color
Hex	72A2EA
RGB	114, 162, 234
RGB Percent	45%, 64%, 92%
CMY	0.5529, 0.3647, 0.0824
CMYK	0.51, 0.31, 0.00, 0.08
HSL	216°, 74%, 68%
HSV	216°, 51%, 92%
XYZ	34.7110, 35.3586, 82.8373
YIQ	155.8560, -51.7200, 12.2160

Conversions

Conversions Part 2

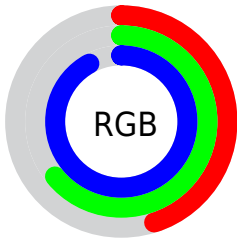
Format	Color
RYB	114, 148, 234
Decimal	7512810
CIELab	66.03, 3.83, -41.15
CIELCh	66, 41.332, 275.316
Yxy	35.3586, 0.2270, 0.2312
Android (android.graphics.Color)	4285702890 (0xFF72A2EA)
YUV	155.8560, 38.5250, -36.7077
Hunter-Lab	59.4631, 0.1374, -40.9720

Details

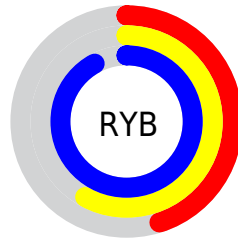
The Hex color **72A2EA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EABA72**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **ACD9FF**, and **356FB2** is the 20% darker color. If you saturate the color by 10%, you get **5B94EA**, and if you desaturate by 10%, it is **89B0EA**.

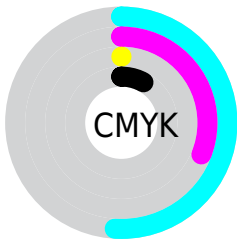
Distribution



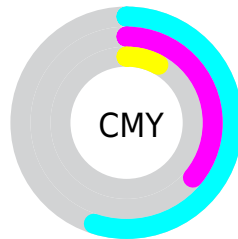
- Red (45%)
- Green (64%)
- Blue (92%)



- Red (45%)
- Yellow (58%)
- Blue (92%)



- Cyan (51%)
- Magenta (31%)
- Yellow (0%)
- Black (8%)



- Cyan (55%)
- Magenta (36%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72A2EA 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 72A2EA by changing the saturation by 10% instead.

 72A2EA

 72A2EA

FFFFFF

 5588CE

 ACD9FF

 356FB2

 C9F5FF

 055797

 E6FFFF

 00407D

 002A63

 00164B

 000434

 00021E

 000000

 72A2EA

 72A2EA

 5B94EA

 89B0EA

 4386EA

 A1BEEA

 2C78EA

 B8CCEA

 146AEA

 D0DAEA

 005EEA

 E7E8EA

 FEF6EA

 FFFFEA

Harmonies

Analogous

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



0FADE3



72A2EA



AD94DD

Triad

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



72A2EA



E48877



5BB180

Complementary

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



72A2EA



EABA72

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.



8AAB62



72A2EA



D1935D

Square

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



72A2EA



E6829B



B1A055



00B4A6

Rectangle

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



72A2EA



C98BCB



B1A055



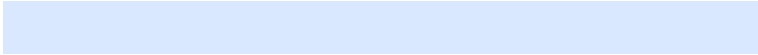
6CB075

Sweetspot

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



72A2EA



D9E8FF



72EABA



697280



000000



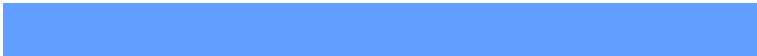
808080

Same Dimension

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



72A2EA



61A0FF



7E72EA



6A6E75



0048B5



001536

Inverse Universe

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



EA72A2



FF61A0



DEEA72



756A6E



B50048



360015

Previews

White Background



This preview shows how the Hex color 72A2EA looks on a white background.

Color Contrast Check

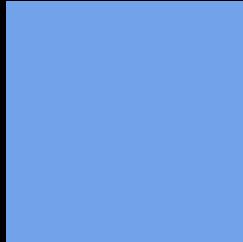
Large Text (above 18pt) WCAG AA × Fail

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 72A2EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

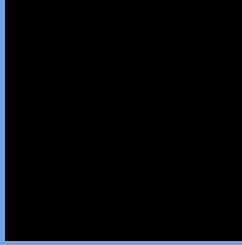
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

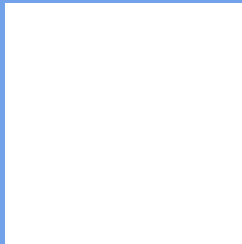
Any Text WCAG AAA ✓ Pass

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

Hex 72A2EA Background



This preview shows how black text looks on a background with the Hex color 72A2EA.



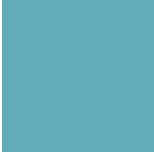
This preview shows how white text looks on a background with the Hex color 72A2EA.

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](#).

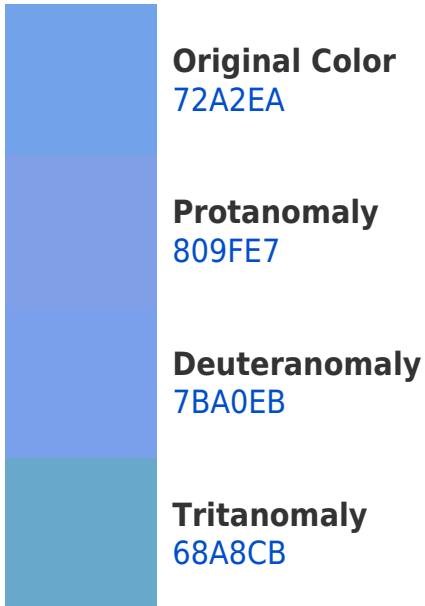
Dichromacy



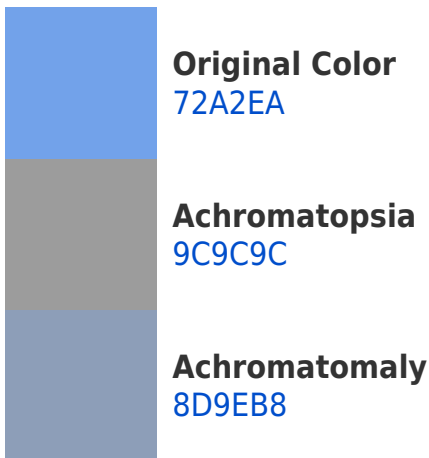


Tritanopia
62ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72A2EA 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 #72A2EA looks like.

```
.text, #text, p{  
    color:#72A2EA  
}
```

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 #72A2EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A2EA
}
```

Border

The CSS property to change the border of an element to Hex 72A2EA 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
#72A2EA }
```

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

```
.border{ border-color:#72A2EA }
```

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

Here you see how a box with a 4 pixel #72A2EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A2EA; -webkit-box-shadow:4px 4px  
4px 4px #72A2EA; box-shadow:4px 4px 4px  
4px #72A2EA }
```

Background

The CSS property to change the background color of an element to Hex 72A2EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A2EA }
```

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

```
.background{ background-color:#72A2EA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor