

Converting Colors

Hex(70A8E4)

Have a look what the booklet for
Hex(70A8E4) contains.

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Color

Hex(70A8E4)

Conversions

Conversions Part 1

Format	Color
Hex	70A8E4
RGB	112, 168, 228
RGB Percent	44%, 66%, 89%
CMY	0.5608, 0.3412, 0.1059
CMYK	0.51, 0.26, 0.00, 0.11
HSL	211°, 68%, 67%
HSV	211°, 51%, 89%
XYZ	34.6883, 37.0514, 78.7222
YIQ	158.0960, -52.6360, 6.7880

Conversions

Conversions Part 2

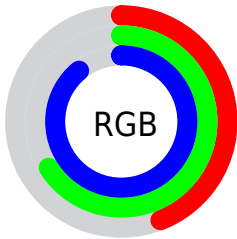
Format	Color
R _Y B	112, 150, 228
Decimal	7383268
CIE Lab	67.32, -1.80, -35.86
CIE LCh	67, 35.902, 267.120
Yxy	37.0514, 0.2305, 0.2463
Android (android.graphics.Color)	4285573348 (0xFF70A8E4)
YUV	158.0960, 34.4627, -40.4262
Hunter-Lab	60.8699, -4.7994, -34.0700

Details

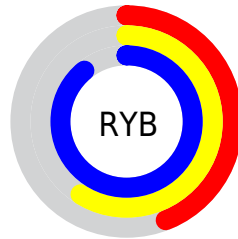
The Hex color **70A8E4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E4AC70**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A9DFFF**, and **3474AC** is the 20% darker color. If you saturate the color by 10%, you get **599CE4**, and if you desaturate by 10%, it is **87B4E4**.

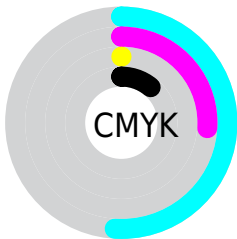
Distribution



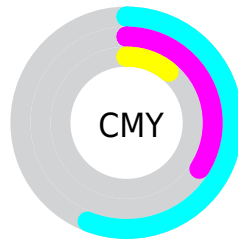
- Red (44%)
- Green (66%)
- Blue (89%)



- Red (44%)
- Yellow (59%)
- Blue (89%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (34%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A8E4 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 70A8E4 by changing the saturation by 10% instead.

 70A8E4

 70A8E4

FFFFFF

 538EC8

 A9DFFF

 3474AC

 C6FCFF

 045C92

 E4FFFF

 004578

 002F5F

 001B46

 000430

 00011A

 000000

■ 70A8E4

■ 70A8E4

■ 599CE4

■ 87B4E4

■ 4290E4

■ 9EC0E4

■ 2C85E4

■ B4CBE4

■ 1579E4

■ CBD7E4

■ 006EE4

■ E2E3E4

■ F9EFE4

■ FFFBE4

■ FFFFE4

Harmonies

Analogous

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



38B0D9



70A8E4



A39DDD

Triad

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



70A8E4



E28D88



75B280

Complementary

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



70A8E4



E4AC70

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.



9BAB69



70A8E4



D5966F

Square

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



70A8E4



DF8BA8



BCA163



4AB5A0

Rectangle

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



70A8E4



BF95D0



BCA163



82B077

Sweetspot

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



70A8E4



D9EBFF



70E4AC



697480



000000



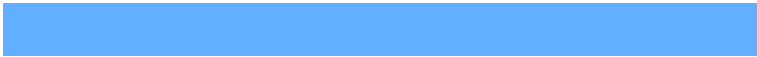
808080

Same Dimension

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



70A8E4



63AFFF



7270E4



676D73



0056B3



001933

Inverse Universe

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



E470A8



FF63AF



E2E470



73676D



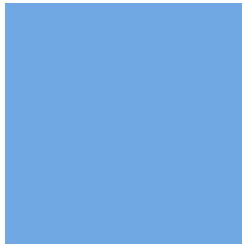
B30056



330019

Previews

White Background



This preview shows how the Hex color 70A8E4 looks on a white background.

Color Contrast Check

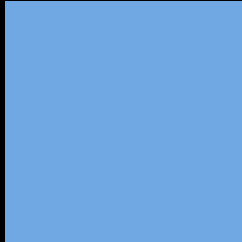
Large Text (above 18pt) WCAG AA × Fail

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 70A8E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

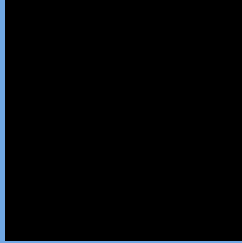
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

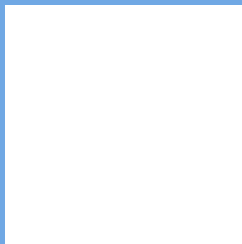
Any Text WCAG AAA ✓ Pass

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

Hex 70A8E4 Background



This preview shows how black text looks on a background with the Hex color 70A8E4.

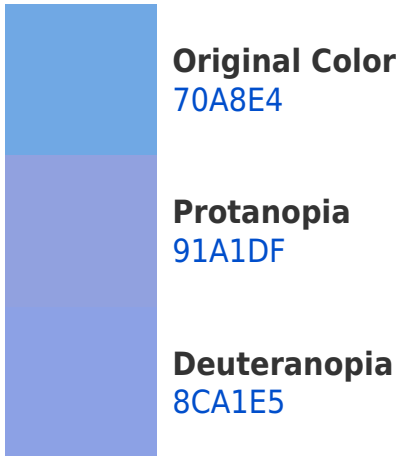


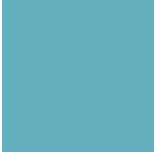
This preview shows how white text looks on a background with the Hex color 70A8E4.

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](#).

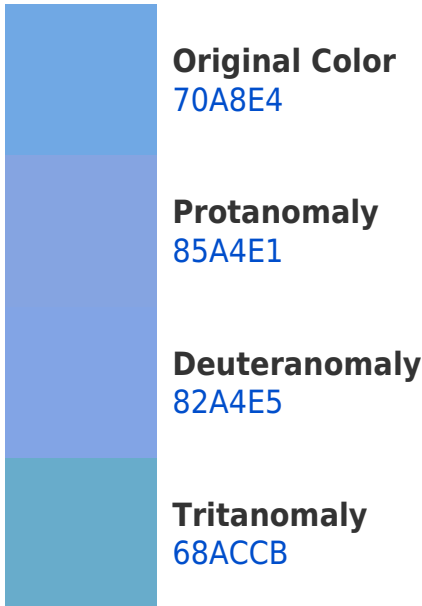
Dichromacy



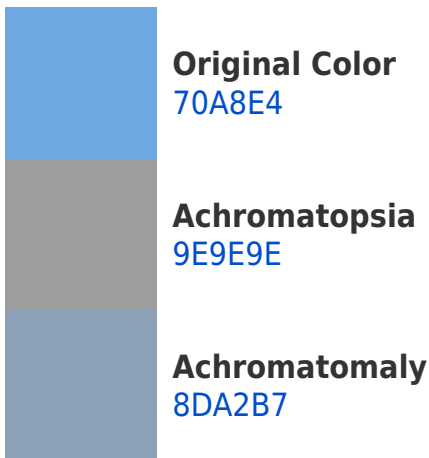


Tritanopia
63AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A8E4 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 #70A8E4 looks like.

```
.text, #text, p{  
    color:#70A8E4  
}
```

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 #70A8E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A8E4
}
```

Border

The CSS property to change the border of an element to Hex 70A8E4 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
#70A8E4 }
```

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

```
.border{ border-color:#70A8E4 }
```

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

Here you see how a box with a 4 pixel #70A8E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A8E4; -webkit-box-shadow:4px 4px  
4px 4px #70A8E4; box-shadow:4px 4px 4px  
4px #70A8E4 }
```

Background

The CSS property to change the background color of an element to Hex 70A8E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A8E4 }
```

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

```
.background{ background-color:#70A8E4 }
```

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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