

Converting Colors

Hex(749CE8)

Have a look what the booklet for
Hex(749CE8) contains.

Hex(749CE8)	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(749CE8)

Conversions

Conversions Part 1

Format	Color
Hex	749CE8
RGB	116, 156, 232
RGB Percent	45%, 61%, 91%
CMY	0.5451, 0.3882, 0.0902
CMYK	0.50, 0.33, 0.00, 0.09
HSL	219°, 72%, 68%
HSV	219°, 50%, 91%
XYZ	33.6564, 33.3161, 81.0007
YIQ	152.7040, -48.2360, 15.1560

Conversions

Conversions Part 2

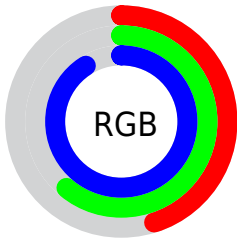
Format	Color
R _Y B	116, 146, 232
Decimal	7642344
CIE Lab	64.42, 7.12, -42.57
CIE LCh	64, 43.162, 279.489
Yxy	33.3161, 0.2274, 0.2251
Android (android.graphics.Color)	4285832424 (0xFF749CE8)
YUV	152.7040, 39.0929, -32.1894
Hunter-Lab	57.7201, 3.0725, -42.7997

Details

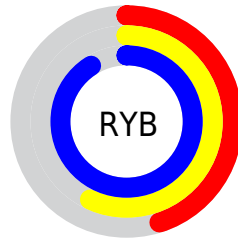
The Hex color **749CE8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E8C074**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ADD2FF**, and **3869B0** is the 20% darker color. If you saturate the color by 10%, you get **5D8DE8**, and if you desaturate by 10%, it is **8BABE8**.

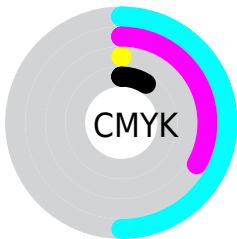
Distribution



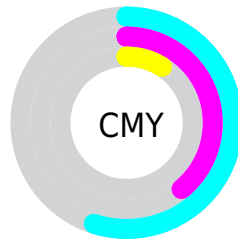
- Red (45%)
- Green (61%)
- Blue (91%)



- Red (45%)
- Yellow (57%)
- Blue (91%)



- Cyan (50%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (39%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749CE8 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 749CE8 by changing the saturation by 10% instead.

 749CE8

 749CE8

FFFFFF

 5782CC

 ADD2FF

 3869B0

 CAEEFF

 0F5195

 E8FFFF

 003B7B

 002662

 001149

 000432

 00021C

 000000

■ 749CE8

■ 749CE8

■ 5D8DE8

■ 8BABE8

■ 467EE8

■ A2BAE8

■ 2E6EE8

■ BACAE8

■ 175FE8

■ D1D9E8

■ 0050E8

■ E8E8E8

■ FFF7E8

■ FFFFE8

Harmonies

Analogous

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



00A8E4



749CE8



B08DD8

Triad

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



749CE8



E0836D



49AE80

Complementary

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



749CE8



E8C074

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.



7EA85F



749CE8



CA9154

Square

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



749CE8



E57D91



A89E4E



00B0A8

Rectangle

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



749CE8



CB84C4



A89E4E



5DAD74

Sweetspot

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



749CE8



D9E6FF



74E8BF



697080



000000



808080

Same Dimension

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



749CE8



669BFF



8574E8



676B73



003EB3



001233

Inverse Universe

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



E8749C



FF669B



D7E874



73676B



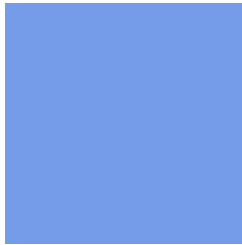
B3003E



330012

Previews

White Background



This preview shows how the Hex color 749CE8 looks on a white background.

Color Contrast Check

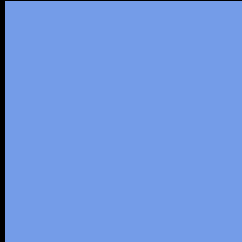
Large Text (above 18pt) WCAG AA × Fail

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 749CE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

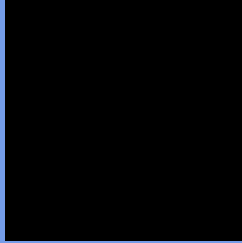
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

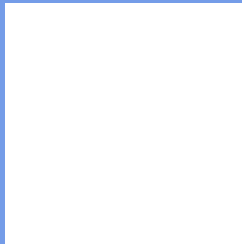
Any Text WCAG AAA ✓ Pass

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

Hex 749CE8 Background



This preview shows how black text looks on a background with the Hex color 749CE8.



This preview shows how white text looks on a background with the Hex color 749CE8.

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](#).

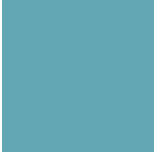
Dichromacy



Original Color
749CE8

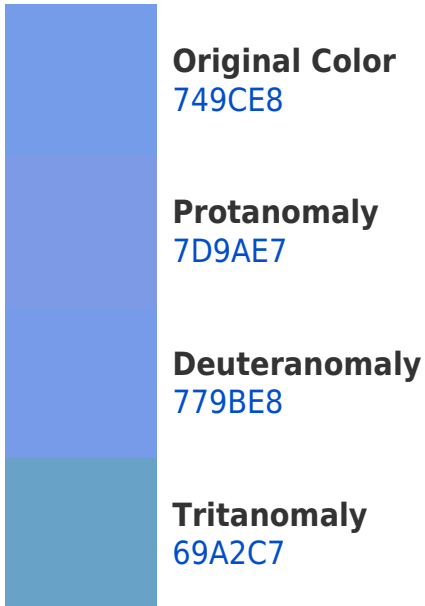
Protanopia
8299E6

Deuteranopia
799BE8

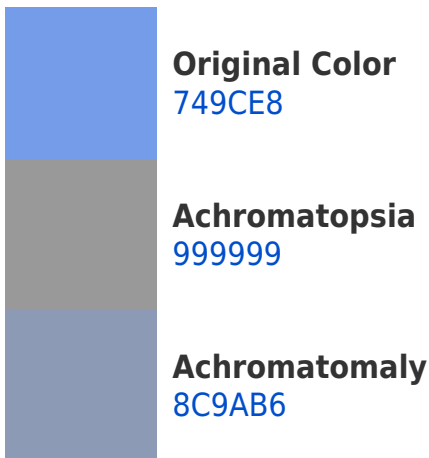


Tritanopia
63A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749CE8 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 #749CE8 looks like.

```
.text, #text, p{  
    color:#749CE8  
}
```

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 #749CE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749CE8  
}
```

Border

The CSS property to change the border of an element to Hex 749CE8 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  
#749CE8 }
```

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

```
.border{ border-color:#749CE8 }
```

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

Here you see how a box with a 4 pixel #749CE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749CE8; -webkit-box-shadow:4px 4px  
4px 4px #749CE8; box-shadow:4px 4px 4px  
4px #749CE8 }
```

Background

The CSS property to change the background color of an element to Hex 749CE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749CE8 }
```

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

```
.background{ background-color:#749CE8 }
```

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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