

Converting Colors

Hex(729EC6)

Have a look what the booklet for
Hex(729EC6) contains.

Hex(729EC6)	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(729EC6)

Conversions

Conversions Part 1

Format	Color
Hex	729EC6
RGB	114, 158, 198
RGB Percent	45%, 62%, 78%
CMY	0.5529, 0.3804, 0.2235
CMYK	0.42, 0.20, 0.00, 0.22
HSL	209°, 42%, 61%
HSV	209°, 42%, 78%
XYZ	29.3593, 32.1083, 58.0762
YIQ	149.4040, -39.0640, 3.1120

Conversions

Conversions Part 2

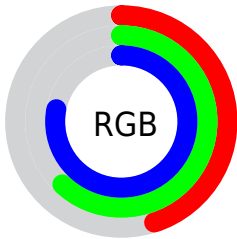
Format	Color
RYB	114, 143, 198
Decimal	7511750
CIELab	63.43, -4.39, -25.24
CIELCh	63, 25.623, 260.137
Yxy	32.1083, 0.2456, 0.2686
Android (android.graphics.Color)	4285701830 (0xFF729EC6)
YUV	149.4040, 23.9578, -31.0493
Hunter-Lab	56.6642, -6.6765, -21.1025

Details

The Hex color **729EC6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C69A72**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A9D5FF**, and **3C6B90** is the 20% darker color. If you saturate the color by 10%, you get **5E95C6**, and if you desaturate by 10%, it is **86A7C6**.

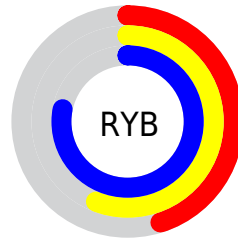
Distribution



Red (45%)

Green (62%)

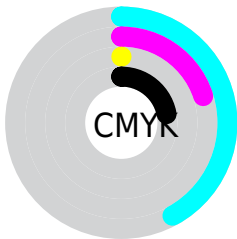
Blue (78%)



Red (45%)

Yellow (56%)

Blue (78%)

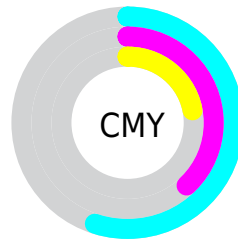


Cyan (42%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 729EC6 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 729EC6 by changing the saturation by 10% instead.

■ 729EC6

■ 729EC6

FFFFFF

■ 5784AB

■ A9D5FF

■ 3C6B90

■ C5F1FF

■ 1F5376

■ E2FFFF

■ 003C5D

■ 002646

■ 00112F

■ 00011A

■ 000000

■ 729EC6

■ 729EC6

■ 5E95C6

■ 86A7C6

■ 4A8BC6

■ 9AB1C6

■ 3782C6

■ ADBAC6

■ 2378C6

■ C1C4C6

■ 0F6FC6

■ D5CDC6

■ 0068C6

■ E9D7C6

■ FDE0C6

■ FFE9C6

■ FFF3C6

Harmonies

Analogous

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



59A4BC



729EC6



9396C4

Triad

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



729EC6



C8898B



80A37C

Complementary

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



729EC6



C69A72

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.



9A9D6E



729EC6



C18E78

Square

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



729EC6



C28AA2



B1966D



67A691

Rectangle

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



729EC6



A791BD



B1966D



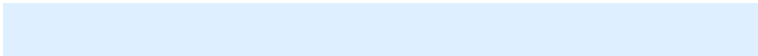
89A176

Sweetspot

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



729EC6



DEEFFF



72C699



6B7680



000000



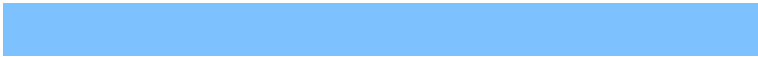
808080

Same Dimension

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



729EC6



7DC1FF



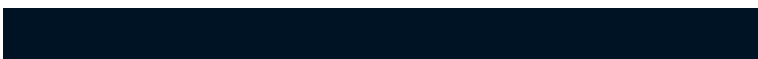
7275C6



5A5F63



0055A3



001324

Inverse Universe

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



C6729E



FF7DC1



C6C372



635A5F



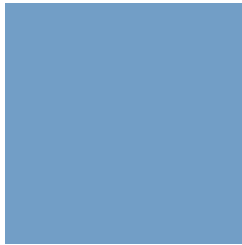
A30055



240013

Previews

White Background



This preview shows how the Hex color 729EC6 looks on a white background.

Color Contrast Check

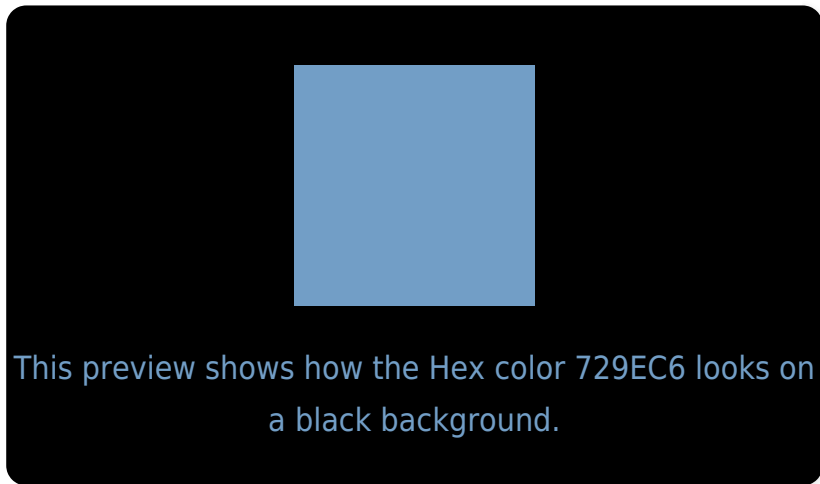
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

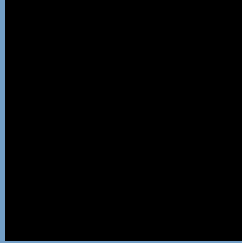
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

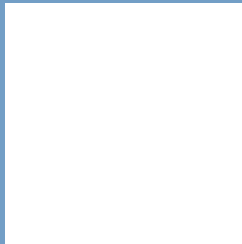
Any Text WCAG AAA ✓ Pass

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

Hex 729EC6 Background



This preview shows how black text looks on a background with the Hex color 729EC6.



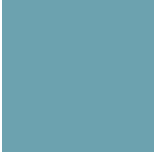
This preview shows how white text looks on a background with the Hex color 729EC6.

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](#).

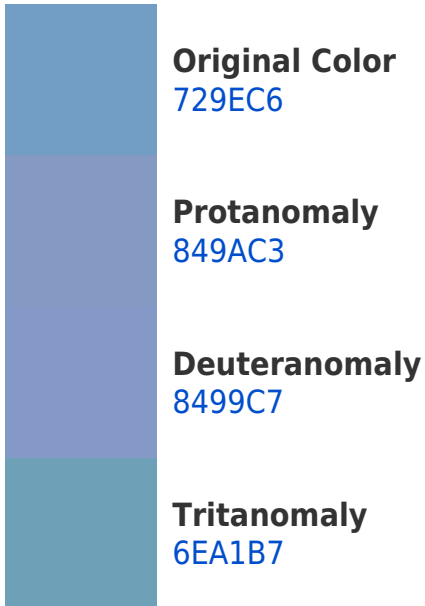
Dichromacy



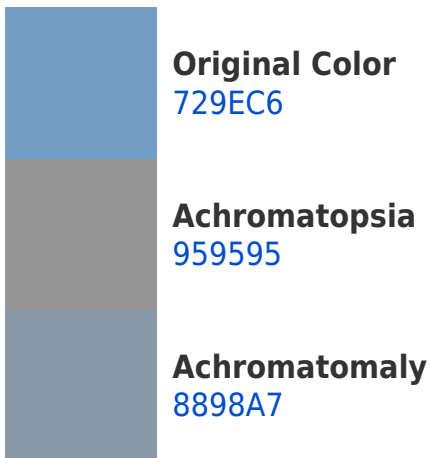


Tritanopia
6CA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 729EC6 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 #729EC6 looks like.

```
.text, #text, p{  
    color:#729EC6  
}
```

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 #729EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729EC6  
}
```

Border

The CSS property to change the border of an element to Hex 729EC6 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  
#729EC6 }
```

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

```
.border{ border-color:#729EC6 }
```

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

Here you see how a box with a 4 pixel #729EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729EC6; -webkit-box-shadow:4px 4px  
4px 4px #729EC6; box-shadow:4px 4px 4px  
4px #729EC6 }
```

Background

The CSS property to change the background color of an element to Hex 729EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729EC6 }
```

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

```
.background{ background-color:#729EC6 }
```

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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