

Converting Colors

Hex(729FBA)

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

Hex(729FBA)	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(729FBA)

Conversions

Conversions Part 1

Format	Color
Hex	729FBA
RGB	114, 159, 186
RGB Percent	45%, 62%, 73%
CMY	0.5529, 0.3765, 0.2706
CMYK	0.39, 0.15, 0.00, 0.27
HSL	202°, 34%, 59%
HSV	202°, 39%, 73%
XYZ	28.2005, 31.9189, 51.1290
YIQ	148.6230, -35.4870, -1.1430

Conversions

Conversions Part 2

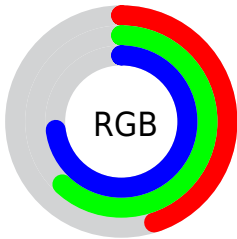
Format	Color
RYB	114, 142, 186
Decimal	7511994
CIELab	63.28, -8.22, -18.77
CIELCh	63, 20.492, 246.348
Yxy	31.9189, 0.2535, 0.2869
Android (android.graphics.Color)	4285702074 (0xFF729FBA)
YUV	148.6230, 18.4269, -30.3644
Hunter-Lab	56.4968, -9.7707, -14.1091

Details

The Hex color **729FBA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BA8D72**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A8D6F2**, and **3D6C85** is the 20% darker color. If you saturate the color by 10%, you get **5F98BA**, and if you desaturate by 10%, it is **85A6BA**.

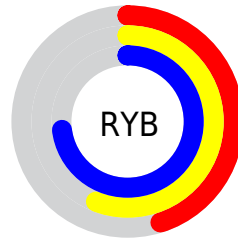
Distribution



Red (45%)

Green (62%)

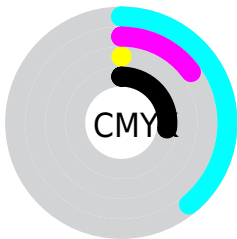
Blue (73%)



Red (45%)

Yellow (56%)

Blue (73%)

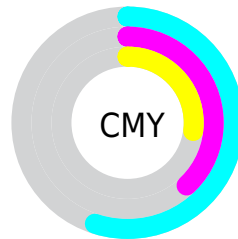


Cyan (39%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (55%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

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

■ 729FBA

■ 729FBA

FFFFFF

■ 58859F

■ A8D6F2

■ 3D6C85

■ C4F2FF

■ 22536C

■ E1FFFF

■ 003C53

FEFFFF

■ 00273C

■ 001226

■ 000110

■ 000000

■ 729FBA

■ 729FBA

■ 5F98BA

■ 85A6BA

■ 4D91BA

■ 97ADBA

■ 3A8ABA

■ AAB4BA

■ 2883BA

■ BCBBBA

■ 157CBA

■ CFC2BA

■ 0275BA

■ E2C9BA

■ 0074BA

■ F4D0BA

■ FFD7BA

■ FFDEBA

Harmonies

Analogous

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



66A3AE



729FBA



8999BD

Triad

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



729FBA



BE8C96



8F9F7B

Complementary

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



729FBA



BA8D72

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.



A39975



729FBA



BD8E84

Square

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



729FBA



B48EA8



B49378



7AA28A

Rectangle

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



729FBA



9995BA



B49378



969D78

Sweetspot

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



729FBA



D5E7F2



72BA8C



69747A



FAFAFA



7A7A7A

Same Dimension

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



729FBA



83C8F2



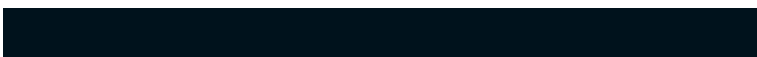
727CBA



53585C



00619C



00121C

Inverse Universe

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



BA729F



F283C8



BAB072



5C5358



9C0061



1C0012

Previews

White Background



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

Color Contrast Check

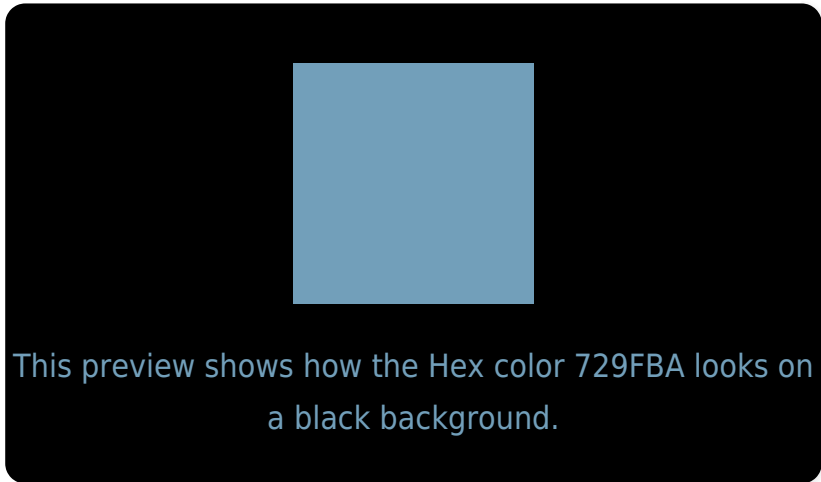
Large Text (above 18pt) WCAG AA × Fail

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

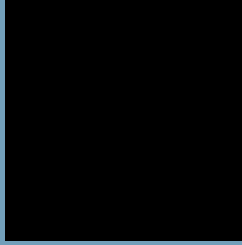
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

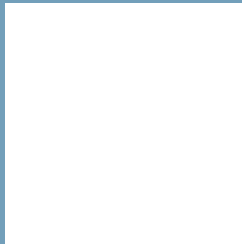
Any Text WCAG AAA ✓ Pass

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

Hex 729FBA Background



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



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

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](#).

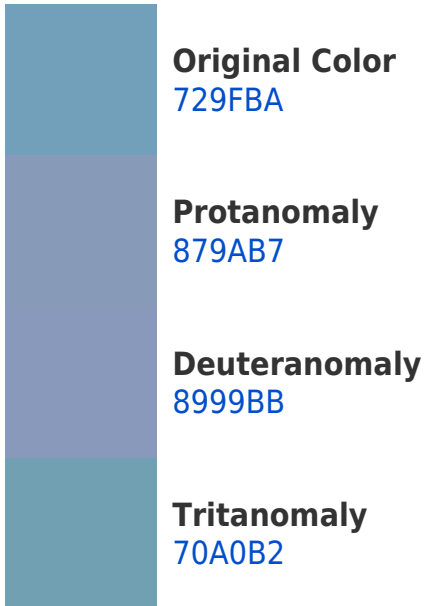
Dichromacy



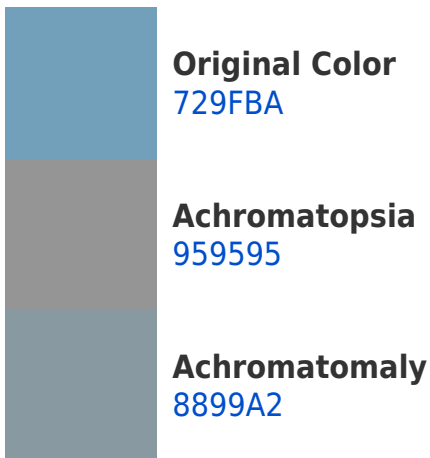


Tritanopia
6FA1AE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #729FBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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