

Converting Colors

Hex(749FAC)

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

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Color

Hex(749FAC)

Conversions

Conversions Part 1

Format	Color
Hex	749FAC
RGB	116, 159, 172
RGB Percent	45%, 62%, 67%
CMY	0.5451, 0.3765, 0.3255
CMYK	0.33, 0.08, 0.00, 0.33
HSL	194°, 25%, 56%
HSV	194°, 33%, 67%
XYZ	27.0470, 31.4878, 43.6820
YIQ	147.6250, -29.8010, -5.0730

Conversions

Conversions Part 2

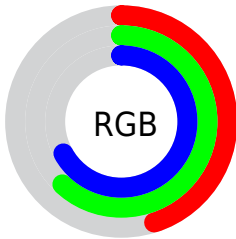
Format	Color
RYB	116, 140, 172
Decimal	7643052
CIELab	62.92, -11.29, -11.44
CIElCh	63, 16.072, 225.392
Yxy	31.4878, 0.2646, 0.3080
Android (android.graphics.Color)	4285833132 (0xFF749FAC)
YUV	147.6250, 12.0169, -27.7351
Hunter-Lab	56.1140, -12.1624, -6.8745

Details

The Hex color **749FAC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC8174**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AAD6E3**, and **416C78** is the 20% darker color. If you saturate the color by 10%, you get **639BAC**, and if you desaturate by 10%, it is **85A3AC**.

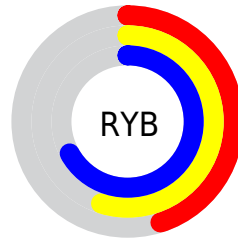
Distribution



Red (45%)

Green (62%)

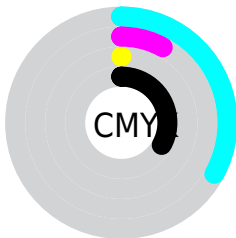
Blue (67%)



Red (45%)

Yellow (55%)

Blue (67%)

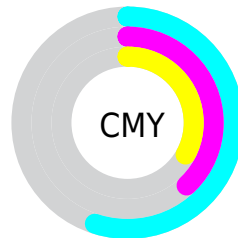


Cyan (33%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

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

 749FAC

 749FAC

FFFFFF

 5A8591

 AAD6E3

 416C78

 C5F2FF

 28535F

 E2FFFF

 0B3C47

 002631

 00121C

 000000

 749FAC

 749FAC

 639BAC

 85A3AC

■ 5297AC

■ 96A7AC

■ 4093AC

■ A8ABAC

■ 2F8FAC

■ B9AFAC

■ 1E8BAC

■ CAB3AC

■ 0D87AC

■ DBB7AC

■ 0084AC

■ ECBBAC

■ FEBFAC

■ FFC3AC

Harmonies

Analogous

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



73A19F



749FAC



809CB3

Triad

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



749FAC



B18FA0



9C9A7D

Complementary

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



749FAC



AC8174

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.



AA957D



749FAC



B68E91

Square

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



749FAC



A492AC



B49184



8B9E84

Rectangle

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



749FAC



8B99B4



B49184



A1987C

Sweetspot

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



749FAC



CADBE0



74AC80



636D70



F0F0F0



707070

Same Dimension

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



749FAC



89CCE0



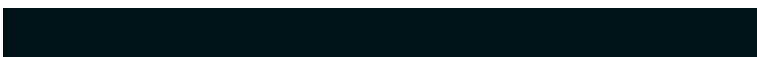
7484AC



4E5557



007496



001217

Inverse Universe

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



AC749F



E089CC



AC9C74



574E55



960074



170012

Previews

White Background



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

Color Contrast Check

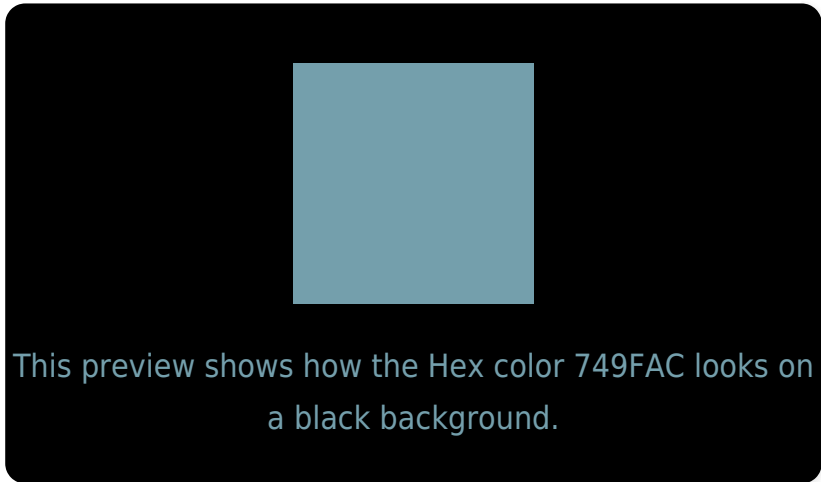
Large Text (above 18pt) WCAG AA × Fail

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

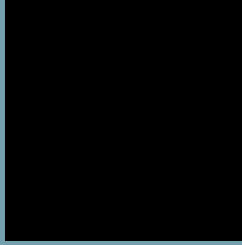
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

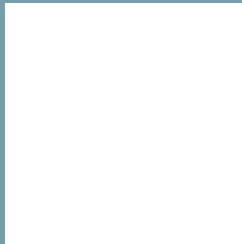
Any Text WCAG AAA ✓ Pass

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

Hex 749FAC Background



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

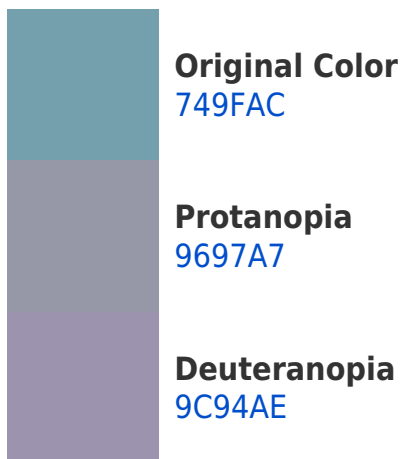


This preview shows how white text looks on a background with the Hex color 749FAC.

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



Trichromacy



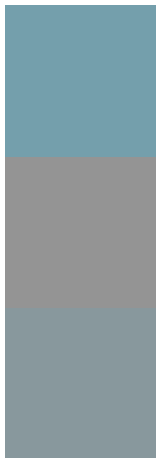
Original Color
749FAC

Protanomaly
8A9AA9

Deuteranomaly
8D98AD

Tritanomaly
749FAC

Monochromacy



Original Color
749FAC

Achromatopsia
949494

Achromatomaly
88989D

CSS Examples

Text

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

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

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 #749FAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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