

Converting Colors

Hex(749ACC)

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

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Color

Hex(749ACC)

Conversions

Conversions Part 1

Format	Color
Hex	749ACC
RGB	116, 154, 204
RGB Percent	45%, 60%, 80%
CMY	0.5451, 0.3961, 0.2000
CMYK	0.43, 0.25, 0.00, 0.20
HSL	214°, 46%, 63%
HSV	214°, 43%, 80%
XYZ	29.6571, 31.1838, 61.5827
YIQ	148.3380, -38.6980, 7.4940

Conversions

Conversions Part 2

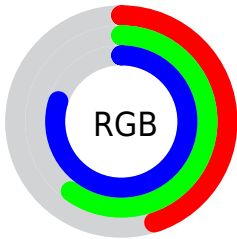
Format	Color
RYB	116, 143, 204
Decimal	7641804
CIELab	62.66, 0.07, -29.77
CIElCh	63, 29.773, 270.131
Yxy	31.1838, 0.2423, 0.2547
Android (android.graphics.Color)	4285831884 (0xFF749ACC)
YUV	148.3380, 27.4414, -28.3604
Hunter-Lab	55.8425, -2.9256, -26.2949

Details

The Hex color **749ACC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CCA674**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ABD0FF**, and **3E6796** is the 20% darker color. If you saturate the color by 10%, you get **608ECC**, and if you desaturate by 10%, it is **88A6CC**.

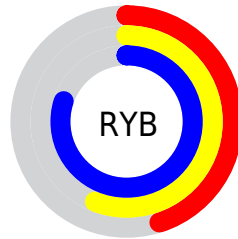
Distribution



Red (45%)

Green (60%)

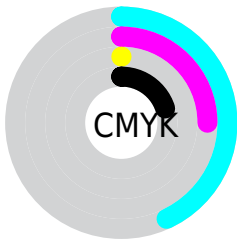
Blue (80%)



Red (45%)

Yellow (56%)

Blue (80%)

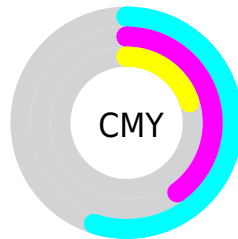


Cyan (43%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (55%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

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

■ 749ACC

■ 749ACC

FFFFFF

■ 5980B0

■ ABD0FF

■ 3E6796

■ C8ECFF

■ 204F7C

■ E4FFFF

■ 003962

■ 00234A

■ 000D34

■ 00021E

■ 000000

■ 749ACC

■ 749ACC

■ 608ECC

■ 88A6CC

■ 4B83CC

■ 9DB1CC

■ 3777CC

■ B1BDCC

■ 226CCC

■ C6C8CC

■ 0E60CC

■ DAD4CC

■ 0058CC

■ EEE0CC

■ FFEBC

■ FFF7CC

■ FFFFCC

Harmonies

Analogous

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



4DA1C5



749ACC



9B91C5

Triad

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



749ACC



CB867E



6FA37C

Complementary

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



749ACC



CCA674

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.



8E9E69



749ACC



BF8D6B

Square

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



749ACC



CA8498



AA9663



50A697

Rectangle

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



749ACC



B18BBA



AA9663



79A275

Sweetspot

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



749ACC



DEECFF



74CCA6



6B7480



000000



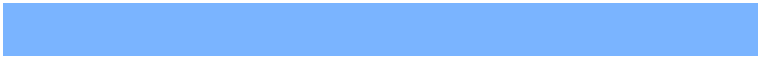
808080

Same Dimension

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



749ACC



7AB4FF



7A74CC



5C6066



0048A6



001126

Inverse Universe

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



CC749A



FF7AB4



C6CC74



665C60



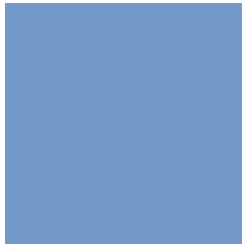
A60048



260011

Previews

White Background



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

Color Contrast Check

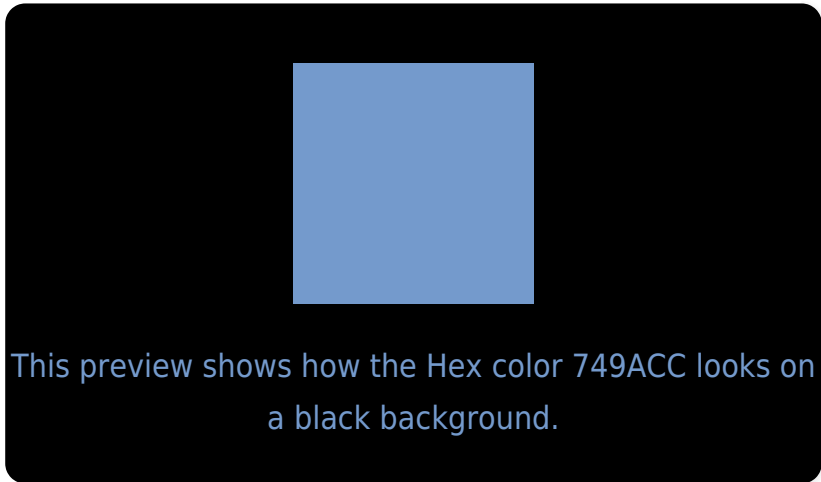
Large Text (above 18pt) WCAG AA × Fail

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

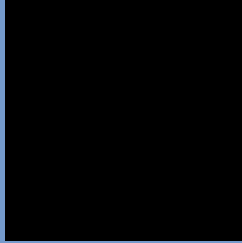
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

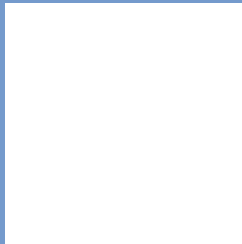
Any Text WCAG AAA ✓ Pass

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

Hex 749ACC Background



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

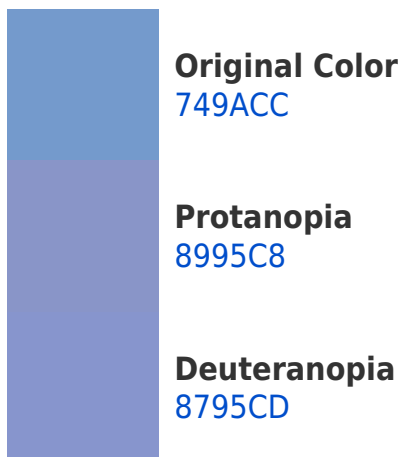


This preview shows how white text looks on a background with the Hex color 749ACC.

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](#).

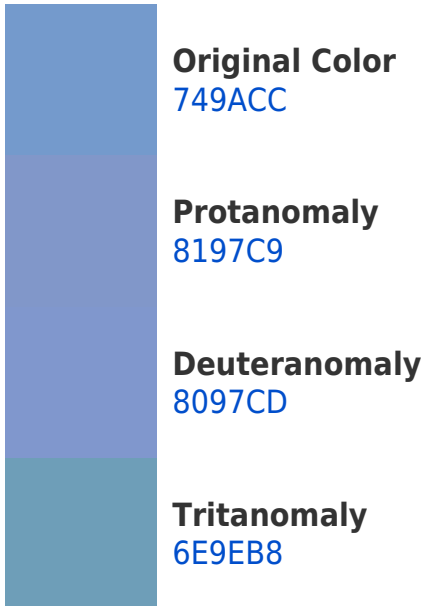
Dichromacy



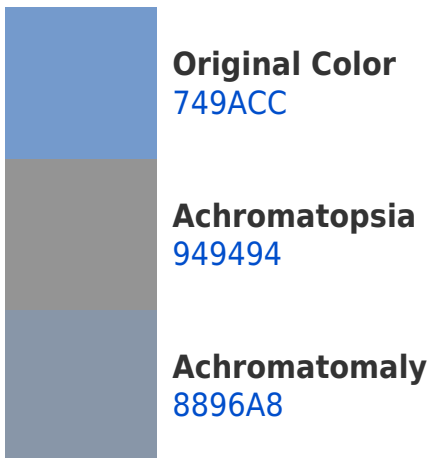


Tritanopia
6BA0AD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #749ACC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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