

Converting Colors

Hex(769AAF)

Have a look what the booklet for
Hex(769AAF) contains.

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Color

Hex(769AAF)

Conversions

Conversions Part 1

Format	Color
Hex	769AAF
RGB	118, 154, 175
RGB Percent	46%, 60%, 69%
CMY	0.5373, 0.3961, 0.3137
CMYK	0.33, 0.12, 0.00, 0.31
HSL	202°, 26%, 57%
HSV	202°, 33%, 69%
XYZ	26.7647, 30.0579, 44.9485
YIQ	145.6300, -28.1970, -1.1010

Conversions

Conversions Part 2

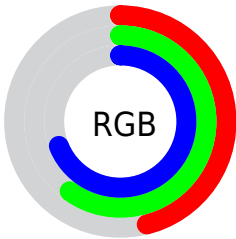
Format	Color
R_{YB}	118, 140, 175
Decimal	7772847
CIE _{Lab}	61.70, -7.21, -14.95
CIE _{LCh}	62, 16.592, 244.261
Yxy	30.0579, 0.2630, 0.2953
Android (android.graphics.Color)	4285962927 (0xFF769AAF)
YUV	145.6300, 14.4794, -24.2315
Hunter-Lab	54.8251, -8.8032, -10.2316

Details

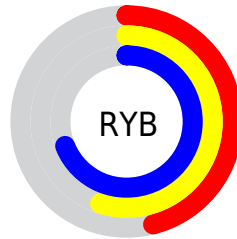
The Hex color **769AAF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF8B76**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ACD0E7**, and **43677B** is the 20% darker color. If you saturate the color by 10%, you get **6594AF**, and if you desaturate by 10%, it is **88A0AF**.

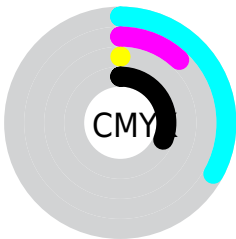
Distribution



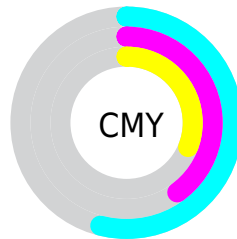
- Red (46%)
- Green (60%)
- Blue (69%)



- Red (46%)
- Yellow (55%)
- Blue (69%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (54%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 769AAF 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 769AAF by changing the saturation by 10% instead.

 769AAF

 769AAF

FFFFFF

 5C8094

 ACD0E7

 43677B

 C7EDFF

 2A4F62

 E4FFFF

 0F384A

 002333

 000D1E

 000002

 000000

 769AAF

 769AAF

6594AF

88A0AF

538DAF

99A7AF

4287AF

ABADAF

3080AF

BCB4AF

1E7AAF

CEBAAF

0D73AF

DFC1AF

006FAF

F1C7AF

FFCEAF

FFD4AF

Harmonies

Analogous

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



6E9DA5



769AAF



8796B2

Triad

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



769AAF



B38B93



8E997D

Complementary

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



769AAF



AF8B76

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.



9E9578



769AAF



B38C85

Square

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



769AAF



AA8CA2



AC907B



7E9C88

Rectangle

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



769AAF



9492B0



AC907B



94987A

Sweetspot

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



769AAF



CCDBE3



76AF8B



656E73



F2F2F2



737373

Same Dimension

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



769AAF



8AC2E3



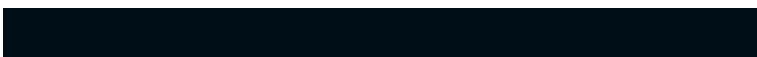
767EAF



4E5457



005F96



000E17

Inverse Universe

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



AF769A



E38AC2



AFA776



574E54



96005F



17000E

Previews

White Background



This preview shows how the Hex color 769AAF looks on a white background.

Color Contrast Check

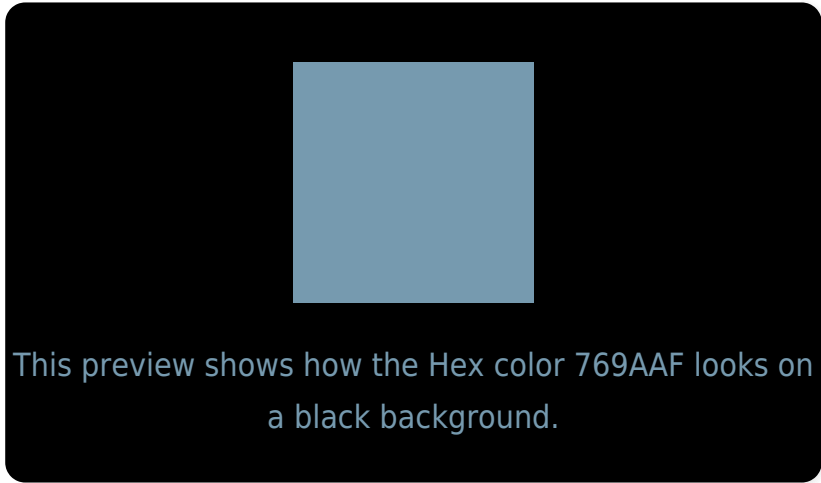
Large Text (above 18pt) WCAG AA ✓ Pass

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

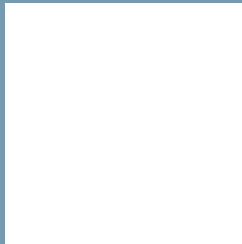
Any Text WCAG AAA ✓ Pass

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

Hex 769AAF Background



This preview shows how black text looks on a background with the Hex color 769AAF.

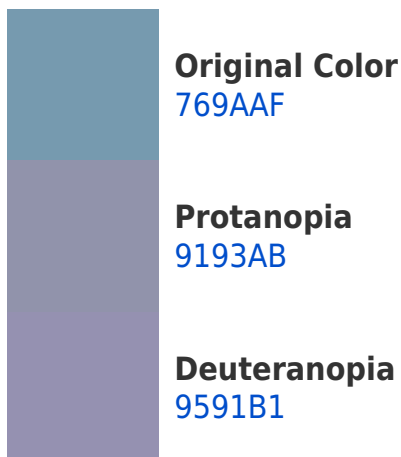


This preview shows how white text looks on a background with the Hex color 769AAF.

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](#).

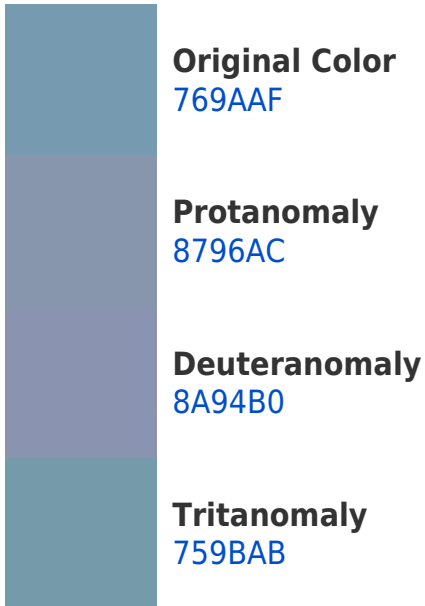
Dichromacy



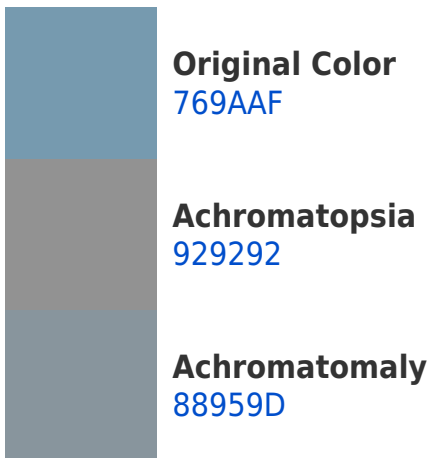


Tritanopia
749BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 769AAF 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 #769AAF looks like.

```
.text, #text, p{  
    color:#769AAF  
}
```

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 #769AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769AAF
}
```

Border

The CSS property to change the border of an element to Hex 769AAF 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
#769AAF }
```

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

```
.border{ border-color:#769AAF }
```

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

Here you see how a box with a 4 pixel #769AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769AAF; -webkit-box-shadow:4px 4px  
4px 4px #769AAF; box-shadow:4px 4px 4px  
4px #769AAF }
```

Background

The CSS property to change the background color of an element to Hex 769AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769AAF }
```

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

```
.background{ background-color:#769AAF }
```

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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