

Converting Colors

Hex(706AAF)

Have a look what the booklet for
Hex(706AAF) contains.

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Color

Hex(706AAF)

Conversions

Conversions Part 1

Format	Color
Hex	706AAF
RGB	112, 106, 175
RGB Percent	44%, 42%, 69%
CMY	0.5608, 0.5843, 0.3137
CMYK	0.36, 0.39, 0.00, 0.31
HSL	245°, 30%, 55%
HSV	245°, 39%, 69%
XYZ	19.5740, 16.8480, 42.7778
YIQ	115.6600, -18.5730, 22.7310

Conversions

Conversions Part 2

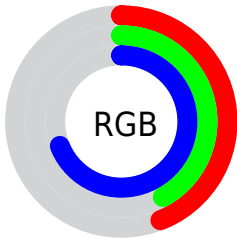
Format	Color
R_{YB}	112, 106, 175
Decimal	7367343
CIE Lab	48.07, 19.11, -36.02
CIE LCh	48, 40.777, 297.953
Yxy	16.8480, 0.2471, 0.2127
Android (android.graphics.Color)	4285557423 (0xFF706AAF)
YUV	115.6600, 29.2546, -3.2098
Hunter-Lab	41.0463, 13.2914, -33.0587

Details

The Hex color **706AAF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9AF6A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A69DE7**, and **3C3B7A** is the 20% darker color. If you saturate the color by 10%, you get **6059AF**, and if you desaturate by 10%, it is **807CAF**.

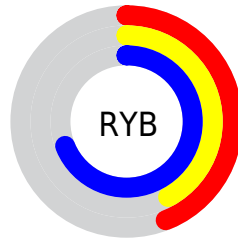
Distribution



Red (44%)

Green (42%)

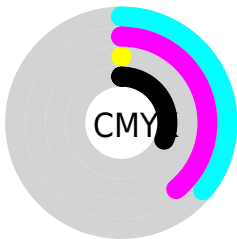
Blue (69%)



Red (44%)

Yellow (42%)

Blue (69%)

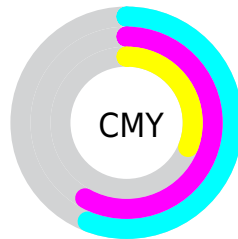


Cyan (36%)

Magenta (39%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (58%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706AAF 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 706AAF by changing the saturation by 10% instead.

■ 706AAF

■ 706AAF

FFFFFF

■ 565294

■ A69DE7

■ 3C3B7A

■ C2B8FF

■ 222561

■ DED4FF

■ 011149

■ FBF0FF

■ 000032

■ 00011C

■ 000000

■ 706AAF

■ 706AAF

■ 6059AF

■ 807CAF

5047AF

908DAF

4036AF

A09FAF

3024AF

B0B0AF

2013AF

C0C2AF

1001AF

D0D3AF

0F00AF

E0E5AF

F0F6AF

FFFFAF

Harmonies

Analogous

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



2377B7



706AAF



9A5C97

Triad

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



706AAF



A26338



00836F

Complementary

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



706AAF



A9AF6A

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.



39804C



706AAF



886F2A

Square

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



706AAF



B15754



657A32



008391

Rectangle

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



706AAF



AA5681



657A32



008263

Sweetspot

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



706AAF



CAC8E3



6AA9AF



646373



F2F2F2



737373

Same Dimension

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



706AAF



8278E3



926AAF



4F4E57



0D0096



020017

Inverse Universe

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



AF6AA9



E378DA



87AF6A



574E56



960089



170015

Previews

White Background



This preview shows how the Hex color 706AAF looks on a white background.

Color Contrast Check

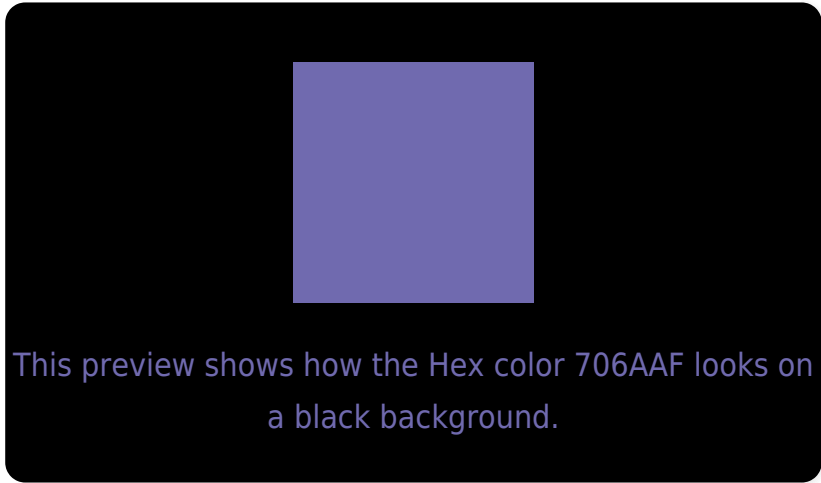
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

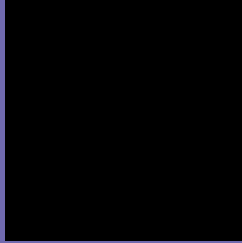
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 706AAF Background



This preview shows how black text looks on a background with the Hex color 706AAF.

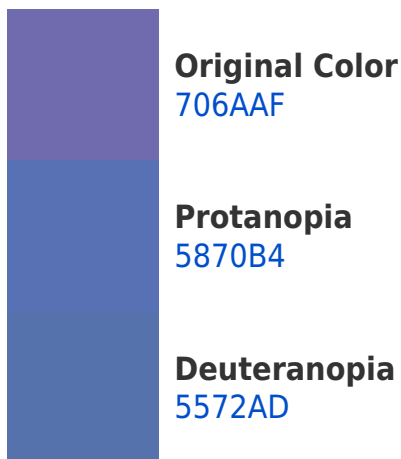


This preview shows how white text looks on a background with the Hex color 706AAF.

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](#).

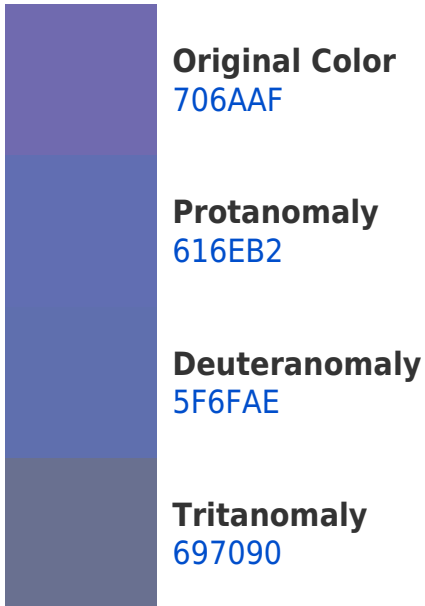
Dichromacy



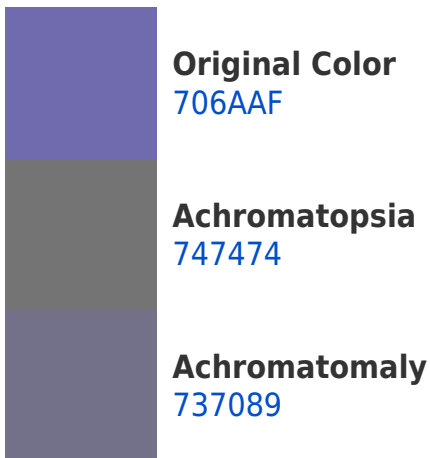


Tritanopia
65747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 706AAF 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 #706AAF looks like.

```
.text, #text, p{  
    color:#706AAF  
}
```

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 #706AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706AAF
}
```

Border

The CSS property to change the border of an element to Hex 706AAF 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
#706AAF }
```

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

```
.border{ border-color:#706AAF }
```

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

Here you see how a box with a 4 pixel #706AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706AAF; -webkit-box-shadow:4px 4px  
4px 4px #706AAF; box-shadow:4px 4px 4px  
4px #706AAF }
```

Background

The CSS property to change the background color of an element to Hex 706AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706AAF }
```

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

```
.background{ background-color:#706AAF }
```

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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