

# Converting Colors

Hex(756DAF)

Have a look what the booklet for  
Hex(756DAF) contains.

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# Color

**Hex(756DAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	756DAF
RGB	117, 109, 175
RGB Percent	46%, 43%, 69%
CMY	0.5412, 0.5725, 0.3137
CMYK	0.33, 0.38, 0.00, 0.31
HSL	247°, 29%, 56%
HSV	247°, 38%, 69%
XYZ	20.5426, 17.8143, 42.9132
YIQ	118.9160, -16.4180, 22.2220

# Conversions

## Conversions Part 2

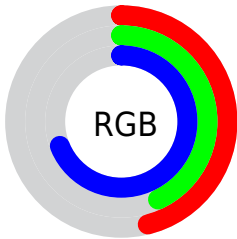
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 109, 175
Decimal	7695791
CIE <sub>Lab</sub>	49.27, 18.72, -34.10
CIE <sub>LCh</sub>	49, 38.903, 298.770
Yxy	17.8143, 0.2528, 0.2192
Android (android.graphics.Color)	4285885871 (0xFF756DAF)
YUV	118.9160, 27.6494, -1.6803
Hunter-Lab	42.2070, 13.0156, -30.7371

# Details

The Hex color **756DAF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A7AF6D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ABA1E7**, and **423D7A** is the 20% darker color. If you saturate the color by 10%, you get **665CAF**, and if you desaturate by 10%, it is **847FAF**.

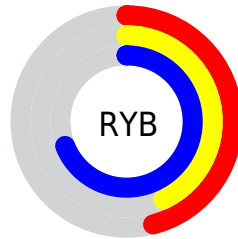
# Distribution



Red (46%)

Green (43%)

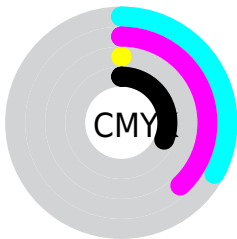
Blue (69%)



Red (46%)

Yellow (43%)

Blue (69%)

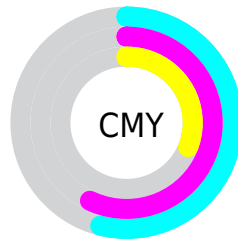


Cyan (33%)

Magenta (38%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (57%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756DAF 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 756DAF by changing the saturation by 10% instead.



■ 756DAF

■ 756DAF

FFFFFF

■ 5B5594

■ ABA1E7

■ 423D7A

■ C7BCFF

■ 282861

■ E3D7FF

■ 0C1349

■ FFF4FF

■ 000032

■ 00011C

■ 000000

■ 756DAF

■ 756DAF

■ 665CAF

■ 847FAF

564AAF

9490AF

4738AF

A3A2AF

3727AF

B3B3AF

2815AF

C2C4AF

1904AF

D1D6AF

1500AF

E1E8AF

F0F9AF

FFFFAF

# Harmonies

## Analogous

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



3479B7



756DAF



9D6098

# Triad

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



756DAF



A3673D



008673

# Complementary

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



756DAF



A7AF6D

# 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.



3E8352



756DAF



8A7331

# Square

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



756DAF



B25C57



687D39



008594

# Rectangle

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



756DAF



AC5B83



687D39



078567



# Sweetspot

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



756DAF



CDCAE3



6DA7AF



666473



F2F2F2



737373



# Same Dimension

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



756DAF



897DE3



966DAF



4F4E57



120096



030017



# Inverse Universe

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



AF6DA7



E37DD7



86AF6D



574E56



960084



170014



# Previews

## White Background



This preview shows how the Hex color 756DAF looks on a white background.

## Color Contrast Check

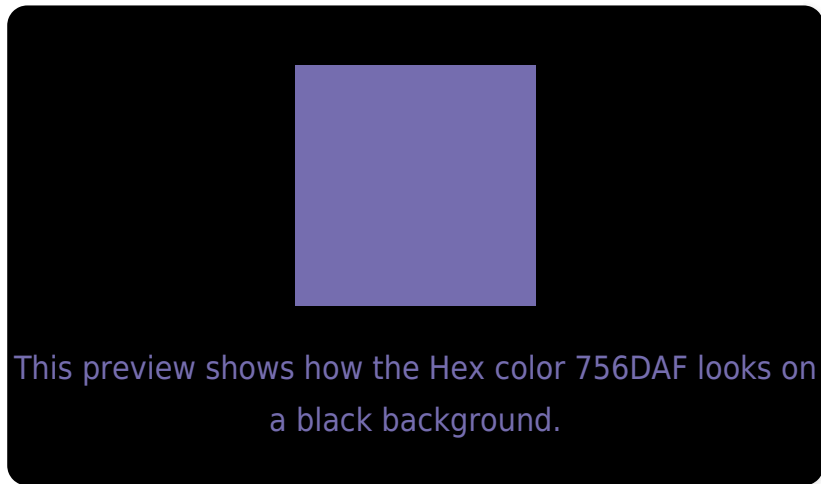
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

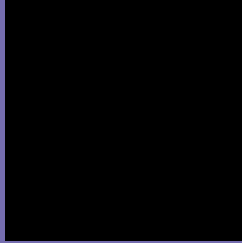
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 756DAF Background



This preview shows how black text looks on a background with the Hex color 756DAF.

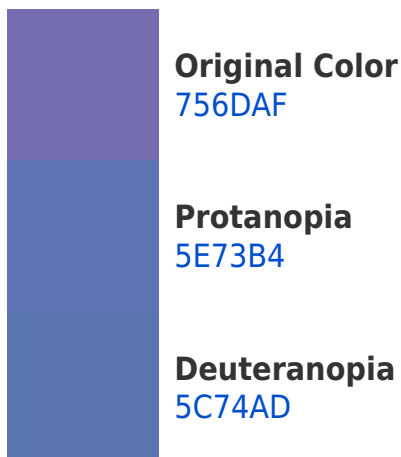


This preview shows how white text looks on a background with the Hex color 756DAF.

# 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**  
6B7780

# Trichromacy



**Original Color**  
756DAF

**Protanomaly**  
6671B2

**Deuteranomaly**  
6571AE

**Tritanomaly**  
6F7391

# Monochromacy



**Original Color**  
756DAF

**Achromatopsia**  
777777

**Achromatomaly**  
76738B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756DAF 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 #756DAF looks like.

```
.text, #text, p{  
    color:#756DAF  
}
```

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 #756DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756DAF
}
```

## Border

The CSS property to change the border of an element to Hex 756DAF 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
#756DAF }
```

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

```
.border{ border-color:#756DAF }
```

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

Here you see how a box with a 4 pixel #756DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756DAF; -webkit-box-shadow:4px 4px  
4px 4px #756DAF; box-shadow:4px 4px 4px  
4px #756DAF }
```

# Background

The CSS property to change the background color of an element to Hex 756DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756DAF }
```

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

```
.background{ background-color:#756DAF }
```

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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