

# Converting Colors

Hex(736DDE)

Have a look what the booklet for  
Hex(736DDE) contains.

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# Color

**Hex(736DDE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736DDE
RGB	115, 109, 222
RGB Percent	45%, 43%, 87%
CMY	0.5490, 0.5725, 0.1294
CMYK	0.48, 0.51, 0.00, 0.13
HSL	243°, 63%, 65%
HSV	243°, 51%, 87%
XYZ	25.7237, 19.8560, 71.5841
YIQ	123.6760, -32.6970, 36.4150

# Conversions

## Conversions Part 2

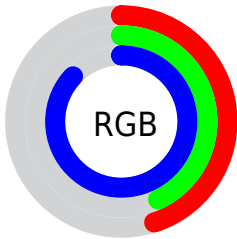
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 109, 222</a>
Decimal	<a href="#">7564766</a>
<a href="#">CIELab</a>	<a href="#">51.67, 31.72, -57.23</a>
<a href="#">CIElCh</a>	<a href="#">52, 65.431, 299.001</a>
<a href="#">Yxy</a>	<a href="#">19.8560, 0.2196, 0.1695</a>
Android (android.graphics.Color)	<a href="#">4285754846</a> (0xFF736DDE)
<a href="#">YUV</a>	<a href="#">123.6760, 48.4737, -7.6089</a>
<a href="#">Hunter-Lab</a>	<a href="#">44.5601, 25.0644, -64.0549</a>

# Details

The Hex color **736DDE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D8DE6D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ADA1FF**, and **373DA6** is the 20% darker color. If you saturate the color by 10%, you get **5E57DE**, and if you desaturate by 10%, it is **8883DE**.

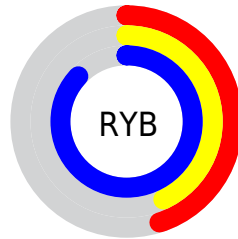
# Distribution



Red (45%)

Green (43%)

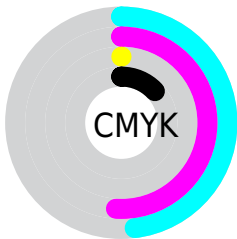
Blue (87%)



Red (45%)

Yellow (43%)

Blue (87%)

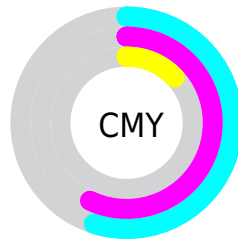


Cyan (48%)

Magenta (51%)

Yellow (0%)

Black (13%)



Cyan (55%)

Magenta (57%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 736DDE 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 736DDE by changing the saturation by 10% instead.



 736DDE

 736DDE

FFFFFF

 5655C2

 ADA1FF

 373DA6

 CABCFF

 0C278B

 E7D7FF

 001371

 FFF4FF

 000058

 00073F

 000328

 000112

 000000

 736DDE

 736DDE

 5E57DE

 8883DE

 4941DE

 9D99DE

 342ADE

 B2B0DE

 1F14DE

 C7C6DE

 0C00DE

 DCDCDE

 F1F2DE

 FFFFDE

# Harmonies

## Analogous

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



0083EC



736DDE



BC51B6

# Triad

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



736DDE



C06112



009478

# Complementary

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



736DDE



D8DE6D

# 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.



00903D



736DDE



967800

# Square

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



736DDE



DA4748



5F8700



0094B0

# Rectangle

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



736DDE



D44192



5F8700



009364



# Sweetspot

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



736DDE



DBD9FF



6DD8DE



6A6980



000000



808080



# Same Dimension

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



736DDE



6C63FF



AB6DDE



666570



0900B0



030030



# Inverse Universe

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



DE6DD8



FF63F7



A0DE6D



706570



B000A7

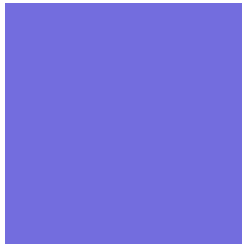


30002E



# Previews

## White Background



This preview shows how the Hex color 736DDE looks on a white background.

## Color Contrast Check

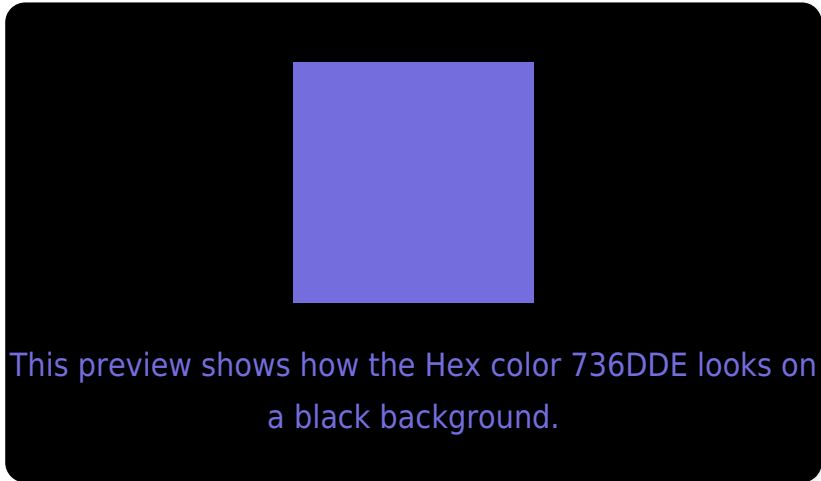
Large Text (above 18pt) WCAG AA ✓ Pass

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

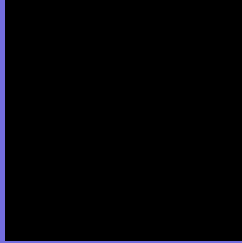
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 736DDE Background



This preview shows how black text looks on a background with the Hex color 736DDE.

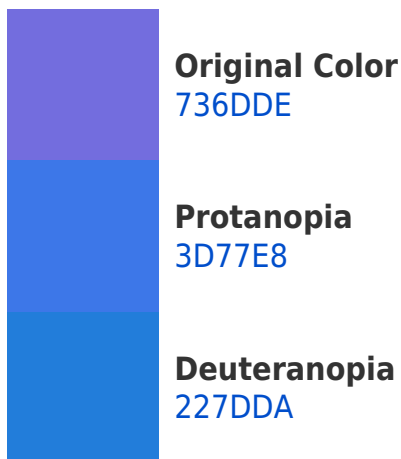


This preview shows how white text looks on a background with the Hex color 736DDE.

# 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](#).

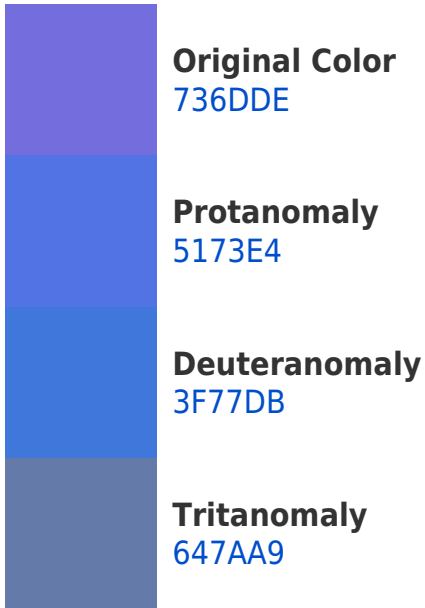
## Dichromacy



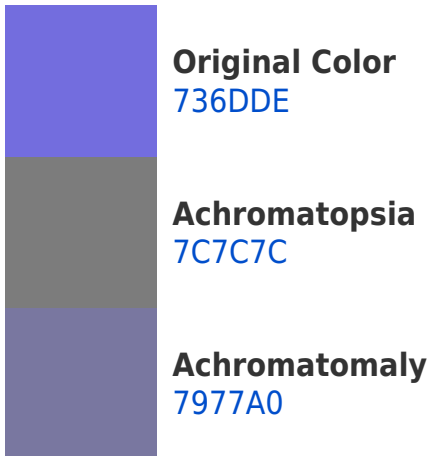


**Tritanopia**  
5B818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 736DDE 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 #736DDE looks like.

```
.text, #text, p{  
    color:#736DDE  
}
```

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 #736DDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736DDE
}
```

## Border

The CSS property to change the border of an element to Hex 736DDE 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
#736DDE }
```

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

```
.border{ border-color:#736DDE }
```

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

Here you see how a box with a 4 pixel #736DDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736DDE; -webkit-box-shadow:4px 4px  
4px 4px #736DDE; box-shadow:4px 4px 4px  
4px #736DDE }
```

# Background

The CSS property to change the background color of an element to Hex 736DDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736DDE }
```

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

```
.background{ background-color:#736DDE }
```

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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