

# Converting Colors

Hex(737FDB)

Have a look what the booklet for  
Hex(737FDB) contains.

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# **Color**

**Hex(737FDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	737FDB
RGB	115, 127, 219
RGB Percent	45%, 50%, 86%
CMY	0.5490, 0.5020, 0.1412
CMYK	0.47, 0.42, 0.00, 0.14
HSL	233°, 59%, 65%
HSV	233°, 47%, 86%
XYZ	27.4458, 23.9381, 70.1918
YIQ	133.9000, -36.6840, 26.0680

# Conversions

## Conversions Part 2

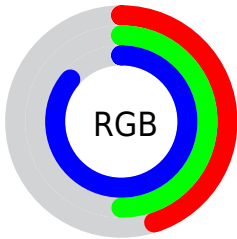
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 126, 219</a>
Decimal	<a href="#">7569371</a>
CIELab	<a href="#">56.03, 20.03, -48.59</a>
CIELCh	<a href="#">56, 52.555, 292.400</a>
Yxy	<a href="#">23.9381, 0.2258, 0.1969</a>
Android (android.graphics.Color)	<a href="#">4285759451 (0xFF737FDB)</a>
YUV	<a href="#">133.9000, 41.9543, -16.5753</a>
Hunter-Lab	<a href="#">48.9265, 14.5098, -50.8110</a>

# Details

The Hex color **737FDB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DBC773**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ACB4FF**, and **394EA3** is the 20% darker color. If you saturate the color by 10%, you get **5D6CDB**, and if you desaturate by 10%, it is **8992DB**.

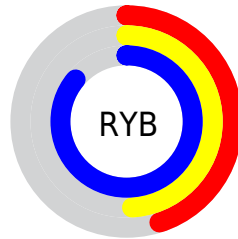
# Distribution



Red (45%)

Green (50%)

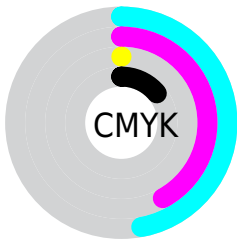
Blue (86%)



Red (45%)

Yellow (49%)

Blue (86%)

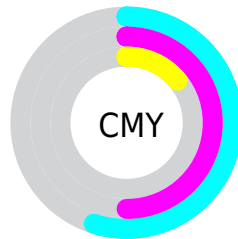


Cyan (47%)

Magenta (42%)

Yellow (0%)

Black (14%)



Cyan (55%)

Magenta (50%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737FDB 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 737FDB by changing the saturation by 10% instead.



 737FDB

 737FDB

FFFFFF

 5766BF

 ACB4FF

 394EA3

 C9CFFF

 143889

 E6EBFF

 00236F

 001056

 00043E

 000327

 000110

 000000

 737FDB

 737FDB

 5D6CDB

 8992DB

 4758DB

 9FA6DB

 3145DB

 B5B9DB

 1B32DB

 CBCADB

 061EDB

 E1E0DB

 0019DB

 F6F3DB

 FFFFDB

# Harmonies

## Analogous

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



008FE1



737FDB



B36CBF

# Triad

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



737FDB



C96E3F



009C79

# Complementary

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



737FDB



DBC73

# 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.



44974C



737FDB



A98025

# Square

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



737FDB



D95F66



7D8E2B



009CA8

# Rectangle

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



737FDB



CB61A3



7D8E2B



009B69



# Sweetspot

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



737FDB



DBDFFF



73DBCf



6A6C80



000000



808080



# Same Dimension

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



737FDB



6E7EFF



9B73DB



63646E



0014AD



00052E



# Inverse Universe

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



DB737F



FF6E7E



B3DB73



6E6364



AD0014

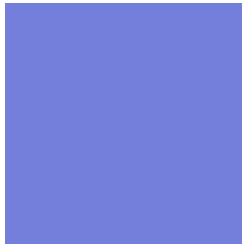


2E0005



# Previews

## White Background



This preview shows how the Hex color 737FDB looks on a white background.

## Color Contrast Check

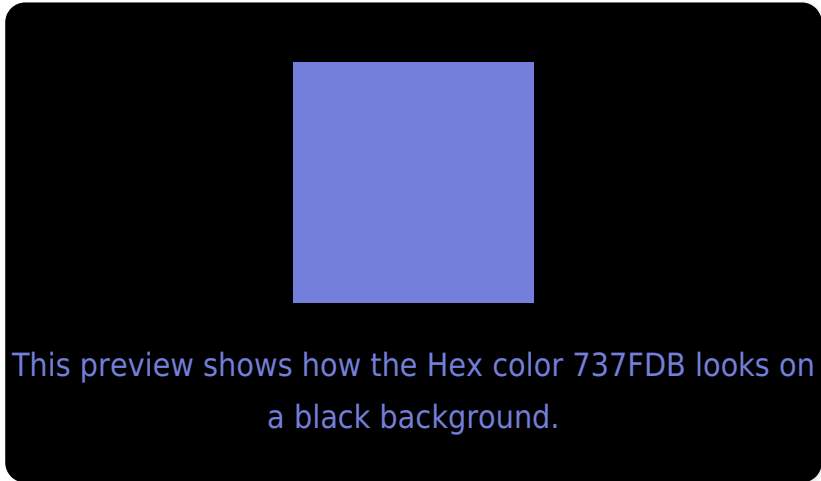
Large Text (above 18pt) WCAG AA ✓ Pass

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

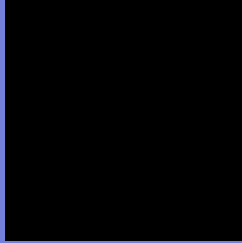
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 737FDB Background



This preview shows how black text looks on a background with the Hex color 737FDB.



This preview shows how white text looks on a background with the Hex color 737FDB.

# 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](#).

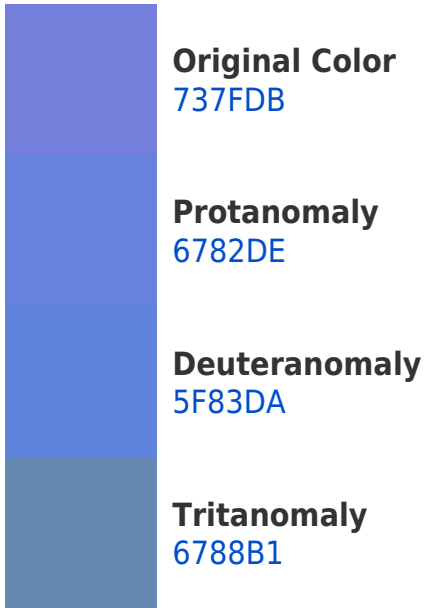
## Dichromacy



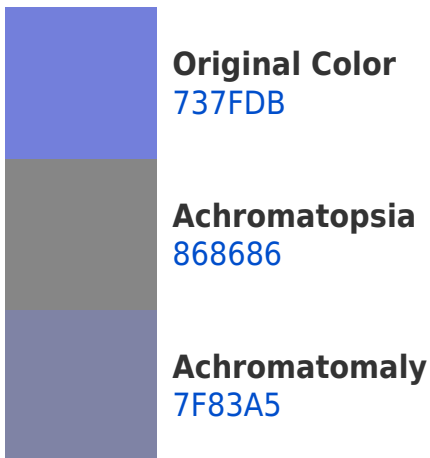


**Tritanopia**  
608D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737FDB 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 #737FDB looks like.

```
.text, #text, p{  
    color:#737FDB  
}
```

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 #737FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737FDB
}
```

## Border

The CSS property to change the border of an element to Hex 737FDB 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
#737FDB }
```

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

```
.border{ border-color:#737FDB }
```

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

Here you see how a box with a 4 pixel #737FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737FDB; -webkit-box-shadow:4px 4px  
4px 4px #737FDB; box-shadow:4px 4px 4px  
4px #737FDB }
```

# Background

The CSS property to change the background color of an element to Hex 737FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737FDB }
```

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

```
.background{ background-color:#737FDB }
```

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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