

# Converting Colors

Hex(737FF9)

Have a look what the booklet for  
Hex(737FF9) contains.

<b>Hex(737FF9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(737FF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	737FF9
RGB	115, 127, 249
RGB Percent	45%, 50%, 98%
CMY	0.5490, 0.5020, 0.0235
CMYK	0.54, 0.49, 0.00, 0.02
HSL	235°, 92%, 71%
HSV	235°, 54%, 98%
XYZ	31.7585, 25.6631, 92.9022
YIQ	137.3200, -46.3140, 35.3980

# Conversions

## Conversions Part 2

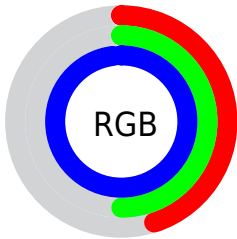
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 126, 249
Decimal	7569401
CIE <sub>Lab</sub>	57.72, 29.22, -62.60
CIE <sub>LCh</sub>	58, 69.080, 295.021
Y <sub>xy</sub>	25.6631, 0.2113, 0.1707
Android (android.graphics.Color)	4285759481 (0xFF737FF9)
Y <sub>UV</sub>	137.3200, 55.0582, -19.5746
Hunter-Lab	50.6588, 23.2505, -73.2696

# Details

The Hex color **737FF9** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F9ED73**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **AFB4FF**, and **314EC0** is the 20% darker color. If you saturate the color by 10%, you get **5A68F9**, and if you desaturate by 10%, it is **8C96F9**.

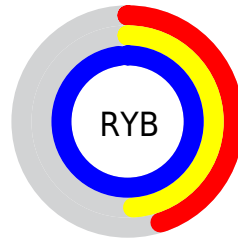
# Distribution



Red (45%)

Green (50%)

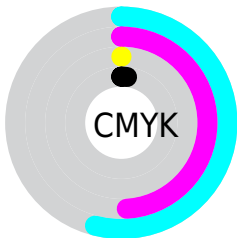
Blue (98%)



Red (45%)

Yellow (49%)

Blue (98%)

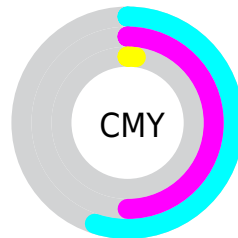


Cyan (54%)

Magenta (49%)

Yellow (0%)

Black (2%)



Cyan (55%)

Magenta (50%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737FF9 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 737FF9 by changing the saturation by 10% instead.



 737FF9

 737FF9

FFFFFF

 5466DC

 AFB4FF

 314EC0

 CDCFFF

 0038A4

 EBEBFF

 002389

 00116F

 000056

 00063D

 000327

 000110

■ 737FF9

■ 737FF9

■ 5A68F9

■ 8C96F9

■ 4152F9

■ A5ACF9

■ 283BF9

■ BEC3F9

■ 0F24F9

■ D7DAF9

■ 0016F9

■ F0F0F9

■ FFFFF9

# Harmonies

## Analogous

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



0095FF



737FF9



C962D1

# Triad

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



737FF9



DB6B24



00A57E

# Complementary

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



737FF9



F9ED73

# 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.



00A140



737FF9



AF8400

# Square

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



737FF9



F3515C



759600



00A6BC

# Rectangle

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



737FF9



E750AB



759600



00A469



# Sweetspot

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



737FF9



D6DAFF



73F9EC



676980



000000



808080



# Same Dimension

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



737FF9



5968FF



A973F9



70727D



0011BD



00053D



# Inverse Universe

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



F9737F



FF5968



C3F973



7D7072



BD0011

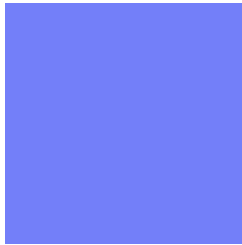


3D0005



# Previews

## White Background



This preview shows how the Hex color 737FF9 looks on a white background.

## Color Contrast Check

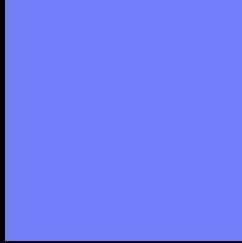
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 737FF9 looks on a 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 737FF9 Background



This preview shows how black text looks on a background with the Hex color 737FF9.



This preview shows how white text looks on a background with the Hex color 737FF9.

# 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](#).

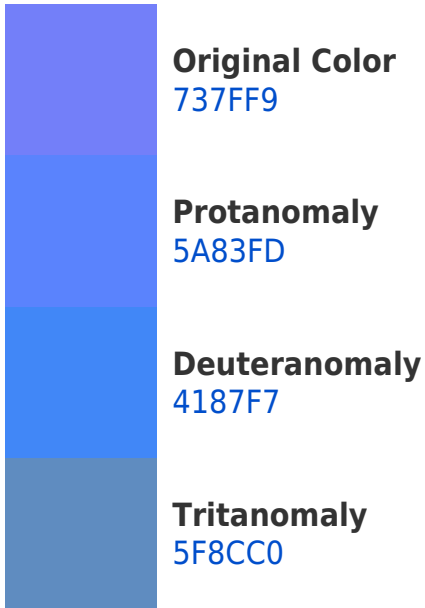
## Dichromacy





**Tritanopia**  
5494A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737FF9 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 #737FF9 looks like.

```
.text, #text, p{  
    color:#737FF9  
}
```

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 #737FF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737FF9
}
```

## Border

The CSS property to change the border of an element to Hex 737FF9 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
#737FF9 }
```

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

```
.border{ border-color:#737FF9 }
```

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

Here you see how a box with a 4 pixel #737FF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737FF9; -webkit-box-shadow:4px 4px  
4px 4px #737FF9; box-shadow:4px 4px 4px  
4px #737FF9 }
```

# Background

The CSS property to change the background color of an element to Hex 737FF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737FF9 }
```

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

```
.background{ background-color:#737FF9 }
```

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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