

# Converting Colors

Hex(7371E3)

Have a look what the booklet for  
Hex(7371E3) contains.

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# **Color**

**Hex(7371E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7371E3
RGB	115, 113, 227
RGB Percent	45%, 44%, 89%
CMY	0.5490, 0.5569, 0.1098
CMYK	0.49, 0.50, 0.00, 0.11
HSL	241°, 67%, 67%
HSV	241°, 50%, 89%
XYZ	26.8405, 21.0011, 75.3120
YIQ	126.5940, -35.4020, 35.8780

# Conversions

## Conversions Part 2

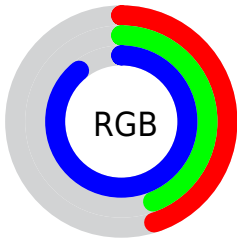
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 113, 227
Decimal	7565795
CIE Lab	52.95, 30.83, -57.99
CIE LCh	53, 65.681, 297.999
Yxy	21.0011, 0.2179, 0.1705
Android (android.graphics.Color)	4285755875 (0xFF7371E3)
YUV	126.5940, 49.5002, -10.1679
Hunter-Lab	45.8270, 24.3487, -65.3582

# Details

The Hex color **7371E3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E1E371**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ADA5FF**, and **3641AB** is the 20% darker color. If you saturate the color by 10%, you get **5D5AE3**, and if you desaturate by 10%, it is **8988E3**.

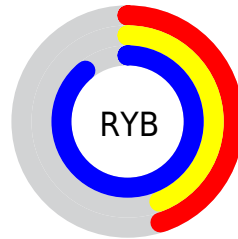
# Distribution



Red (45%)

Green (44%)

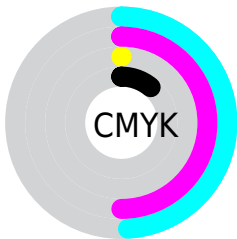
Blue (89%)



Red (45%)

Yellow (44%)

Blue (89%)

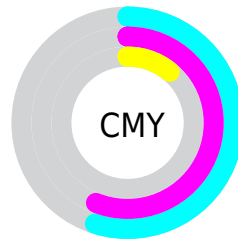


Cyan (49%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (55%)

Magenta (56%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7371E3 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 7371E3 by changing the saturation by 10% instead.



 7371E3

 7371E3

FFFFFF

 5659C7

 ADA5FF

 3641AB

 CAC0FF

 072B90

 E8DCFF

 001775

 FFF8FF

 00005C

 000743

 00032C

 000117

 000000

■ 7371E3

■ 7371E3

■ 5D5AE3

■ 8988E3

■ 4644E3

■ A09EE3

■ 302DE3

■ B6B5E3

■ 1A16E3

■ CCCCE3

■ 0400E3

■ E3E3E3

■ F9F9E3

■ FFFFE3

# Harmonies

## Analogous

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



0087F0



7371E3



BE55BB

# Triad

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



7371E3



C66318



009779

# Complementary

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



7371E3



E1E371

# 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.



00933E



7371E3



9B7B00

# Square

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



7371E3



DF4A4D



648A00



0098B2

# Rectangle

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



7371E3



D74598



648A00



009765



# Sweetspot

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



7371E3



D9D9FF



71E1E3



696980



000000



808080



# Same Dimension

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



7371E3



6966FF



AC71E3



676773



0300B3



010033



# Inverse Universe

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



E371E1



FF66FC



A8E371



736773



B300AF

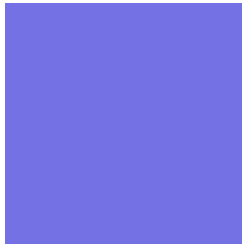


330032



# Previews

## White Background



This preview shows how the Hex color 7371E3 looks on a white background.

## Color Contrast Check

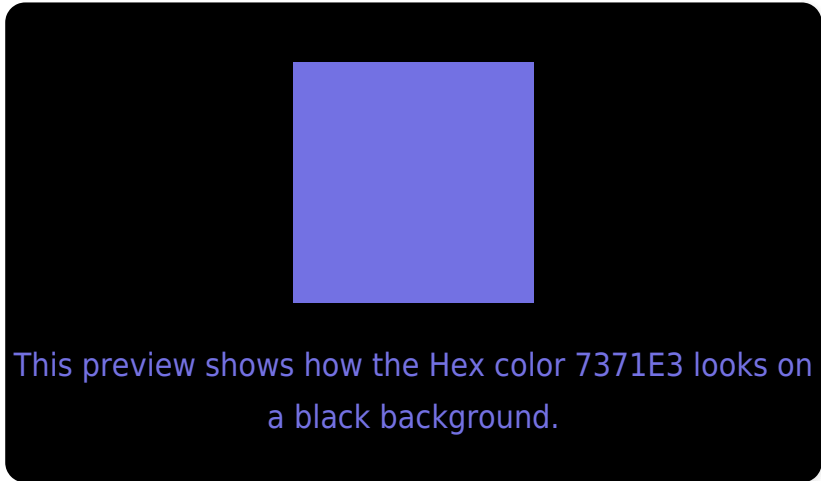
Large Text (above 18pt) WCAG AA ✓ Pass

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

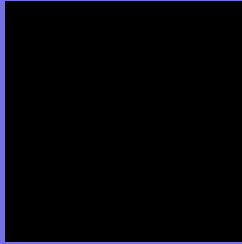
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7371E3 Background



This preview shows how black text looks on a background with the Hex color 7371E3.

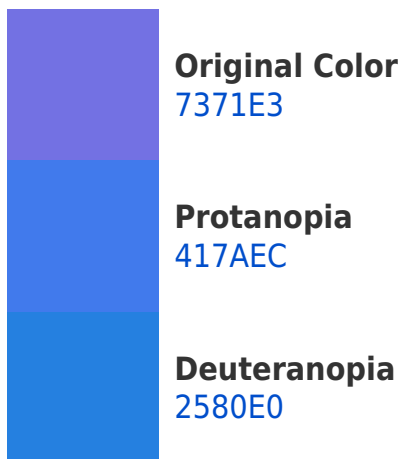



This preview shows how white text looks on a background with the Hex color 7371E3.

# 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](#).

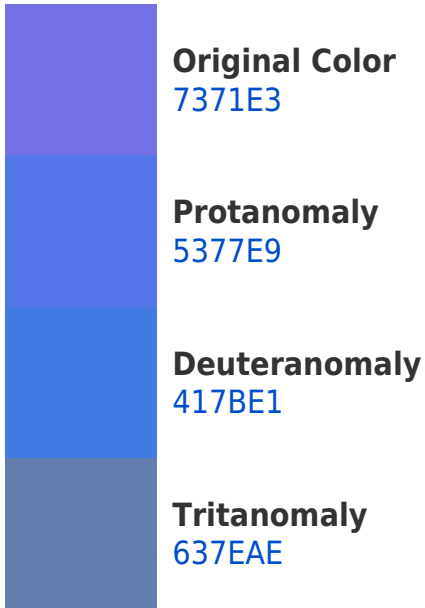
## Dichromacy



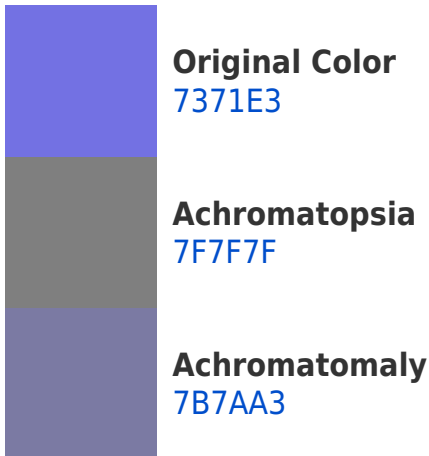


**Tritanopia**  
5A8590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7371E3 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 #7371E3 looks like.

```
.text, #text, p{  
    color:#7371E3  
}
```

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 #7371E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7371E3
}
```

## Border

The CSS property to change the border of an element to Hex 7371E3 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
#7371E3 }
```

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

```
.border{ border-color:#7371E3 }
```

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

Here you see how a box with a 4 pixel #7371E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7371E3; -webkit-box-shadow:4px 4px  
4px 4px #7371E3; box-shadow:4px 4px 4px  
4px #7371E3 }
```

# Background

The CSS property to change the background color of an element to Hex 7371E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7371E3 }
```

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

```
.background{ background-color:#7371E3 }
```

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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