

# Converting Colors

Hex(7367CF)

Have a look what the booklet for  
Hex(7367CF) contains.

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# Color

Hex(7367CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	7367CF
RGB	115, 103, 207
RGB Percent	45%, 40%, 81%
CMY	0.5490, 0.5961, 0.1882
CMYK	0.44, 0.50, 0.00, 0.19
HSL	247°, 52%, 61%
HSV	247°, 50%, 81%
XYZ	23.1830, 17.8503, 61.2551
YIQ	118.4440, -26.2320, 34.8880

# Conversions

## Conversions Part 2

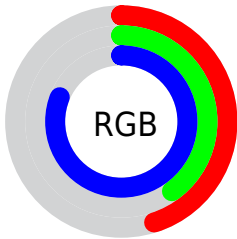
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 103, 207
Decimal	7563215
CIE <sub>Lab</sub>	49.31, 30.88, -52.49
CIE <sub>LCh</sub>	49, 60.900, 300.463
Yxy	17.8503, 0.2266, 0.1745
Android (android.graphics.Color)	4285753295 (0xFF7367CF)
YUV	118.4440, 43.6581, -3.0204
Hunter-Lab	42.2496, 24.0085, -56.3860

# Details

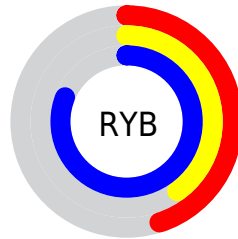
The Hex color **7367CF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C3CF67**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AB9AFF**, and **3A3898** is the 20% darker color. If you saturate the color by 10%, you get **6152CF**, and if you desaturate by 10%, it is **857CCF**.

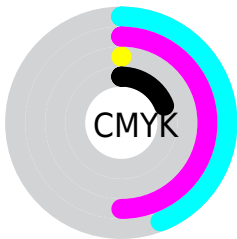
# Distribution



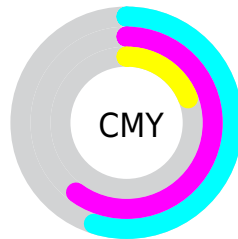
- Red (45%)
- Green (40%)
- Blue (81%)



- Red (45%)
- Yellow (40%)
- Blue (81%)



- Cyan (44%)
- Magenta (50%)
- Yellow (0%)
- Black (19%)



- Cyan (55%)
- Magenta (60%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7367CF 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 7367CF by changing the saturation by 10% instead.



■ 7367CF

■ 7367CF

FFFFFF

■ 574FB3

■ AB9AFF

■ 3A3898

■ C8B5FF

■ 18227D

■ E5D1FF

■ 000E64

■ FFEDFF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 7367CF

■ 7367CF

6152CF

857CCF

4E3ECF

9890CF

3C29CF

AAA5CF

2A14CF

BCBACF

1800CF

CFCFCF

E1E3CF

F3F8CF

FFFFCF

# Harmonies

## Analogous

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



007BDD



7367CF



B34EA9

# Triad

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



7367CF



B45F14



008C75

# Complementary

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



7367CF



C3CF67

# 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.



00893F



7367CF



8C7300

# Square

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



7367CF



CC4744



598105



008CA8

# Rectangle

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



7367CF



C94088



598105



008C62



# Sweetspot

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



7367CF



DDD9FF



67C5CF



6B6980



000000



808080



# Same Dimension

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



7367CF



7866FF



A567CF



5F5E69



1300A8



050029



# Inverse Universe

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



CF67C3



FF66ED



91CF67



695E67



A80095

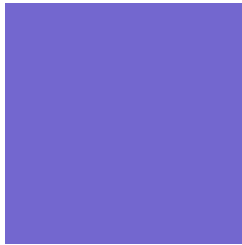


290024



# Previews

## White Background



This preview shows how the Hex color 7367CF looks on a white background.

## Color Contrast Check

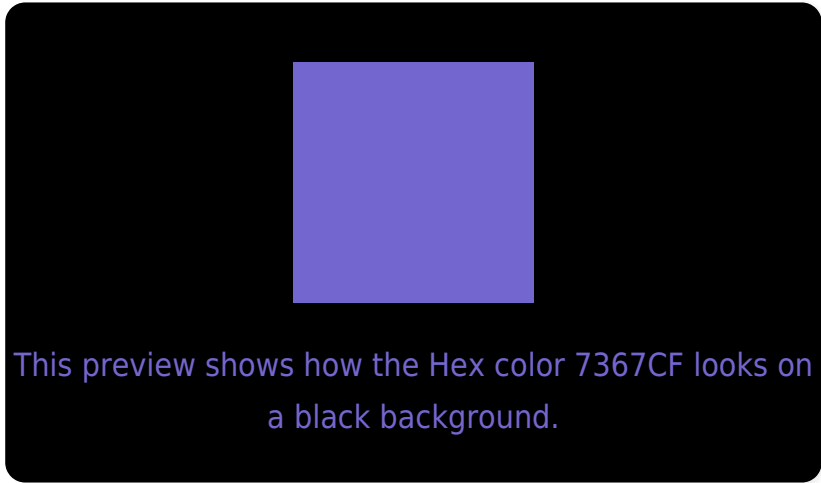
Large Text (above 18pt) WCAG AA ✓ Pass

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

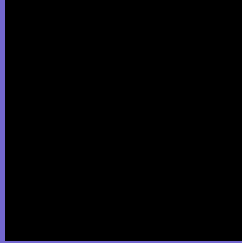
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7367CF Background



This preview shows how black text looks on a background with the Hex color 7367CF.

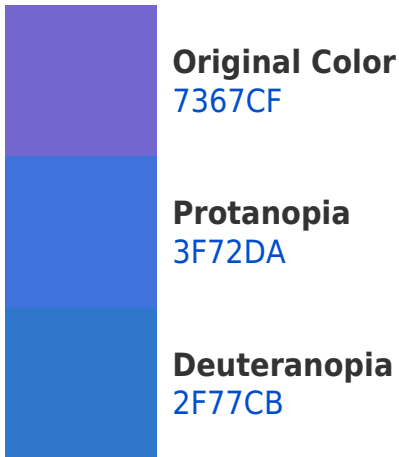


This preview shows how white text looks on a background with the Hex color 7367CF.

# 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](#).

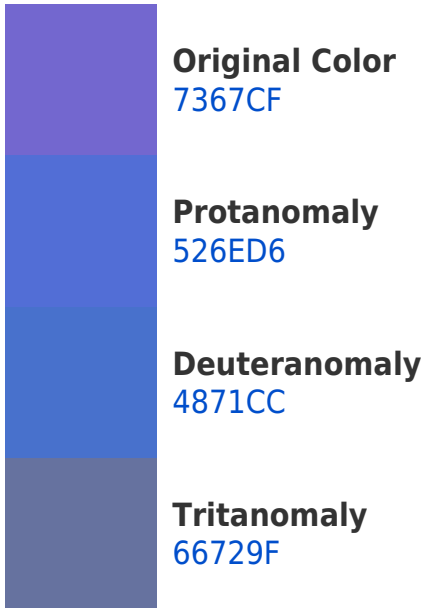
## Dichromacy



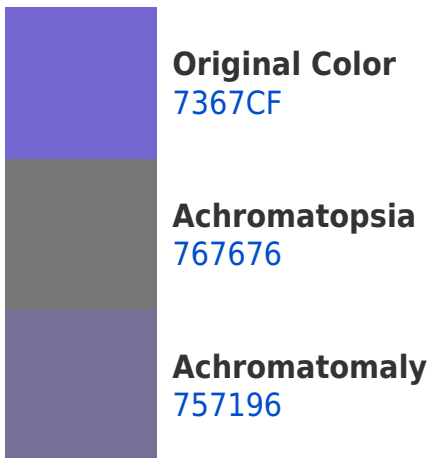


**Tritanopia**  
5F7983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7367CF 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 #7367CF looks like.

```
.text, #text, p{  
    color:#7367CF  
}
```

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 #7367CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7367CF
}
```

## Border

The CSS property to change the border of an element to Hex 7367CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

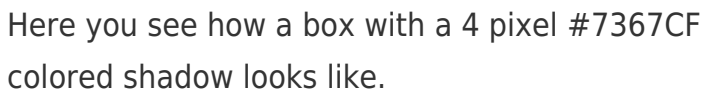
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7367CF }
```

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

```
.border{ border-color:#7367CF }
```

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



Here you see how a box with a 4 pixel #7367CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7367CF; -webkit-box-shadow:4px 4px  
4px 4px #7367CF; box-shadow:4px 4px 4px  
4px #7367CF }
```

# Background

The CSS property to change the background color of an element to Hex 7367CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7367CF }
```

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

```
.background{ background-color:#7367CF }
```

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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