

# Converting Colors

Hex(7D7DDE)

Have a look what the booklet for  
Hex(7D7DDE) contains.

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# Color

**Hex(7D7DDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7DDE
RGB	125, 125, 222
RGB Percent	49%, 49%, 87%
CMY	0.5098, 0.5098, 0.1294
CMYK	0.44, 0.44, 0.00, 0.13
HSL	240°, 60%, 68%
HSV	240°, 44%, 87%
XYZ	28.9759, 24.3011, 72.2706
YIQ	136.0580, -31.1370, 30.1670

# Conversions

## Conversions Part 2

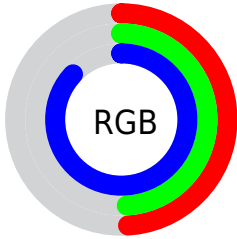
Format	Color
R <sub>YB</sub>	125, 125, 222
Decimal	8224222
CIE Lab	56.39, 24.50, -49.65
CIE LCh	56, 55.367, 296.259
Yxy	24.3011, 0.2308, 0.1936
Android (android.graphics.Color)	4286414302 (0xFF7D7DDE)
YUV	136.0580, 42.3694, -9.6979
Hunter-Lab	49.2962, 18.6525, -52.4147

# Details

The Hex color **7D7DDE** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DEDE7D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B6B2FF**, and **454CA6** is the 20% darker color. If you saturate the color by 10%, you get **6767DE**, and if you desaturate by 10%, it is **9393DE**.

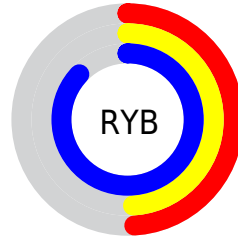
# Distribution



Red (49%)

Green (49%)

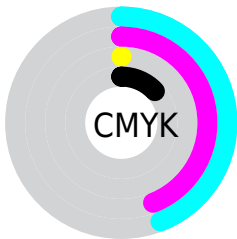
Blue (87%)



Red (49%)

Yellow (49%)

Blue (87%)

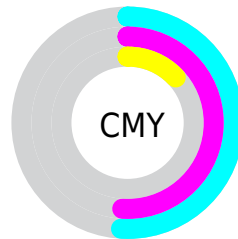


Cyan (44%)

Magenta (44%)

Yellow (0%)

Black (13%)



Cyan (51%)

Magenta (51%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7DDE 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 7D7DDE by changing the saturation by 10% instead.



7D7DDE

7D7DDE

FFFFFF

6164C2

B6B2FF

454CA6

D3CDFF

25368B

F0E9FF

002171

000D58

000040

000329

000113

000000

■ 7D7DDE

■ 7D7DDE

■ 6767DE

■ 9393DE

■ 5151DE

■ A9A9DE

■ 3A3ADE

■ C0C0DE

■ 2424DE

■ D6D6DE

■ 0E0EDE

■ ECECDE

■ 0000DE

■ FFFFDE

# Harmonies

## Analogous

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



008FE7



7D7DDE



BC68BD

# Triad

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



7D7DDE



C97037



009E7F

# Complementary

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



7D7DDE



DEDE7D

# 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.



339A4F



7D7DDE



A5831D

# Square

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



7D7DDE



DD5E5F



779128



009EB0

# Rectangle

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



7D7DDE



D35D9F



779128



009D6F



# Sweetspot

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



7D7DDE



DEDEFF



7DDEDE



6B6B80



000000



808080



# Same Dimension

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



7D7DDE



7A7AFF



AE7DDE



656570



0000B0



000030



# Inverse Universe

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



DE7DDE



FF7AFF



AEDE7D



706570



B000B0

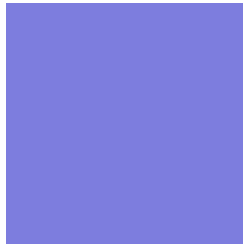


300030



# Previews

## White Background



This preview shows how the Hex color 7D7DDE looks on a white background.

## Color Contrast Check

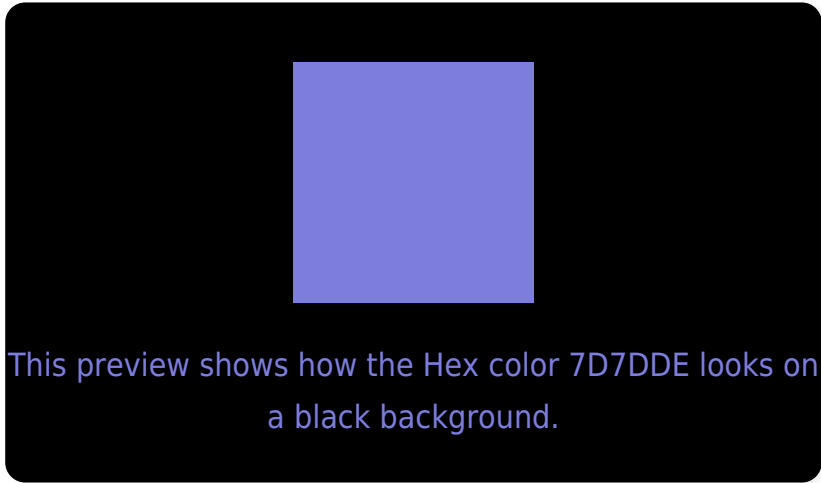
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D7DDE Background



This preview shows how black text looks on a background with the Hex color 7D7DDE.

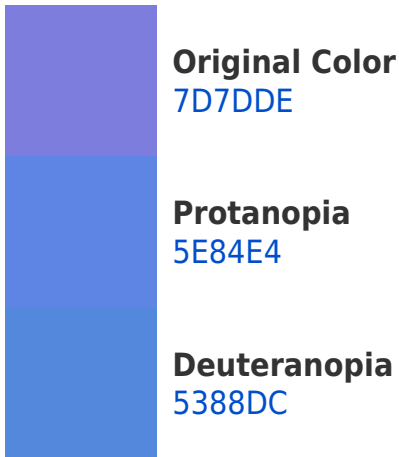


This preview shows how white text looks on a background with the Hex color 7D7DDE.

# 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](#).

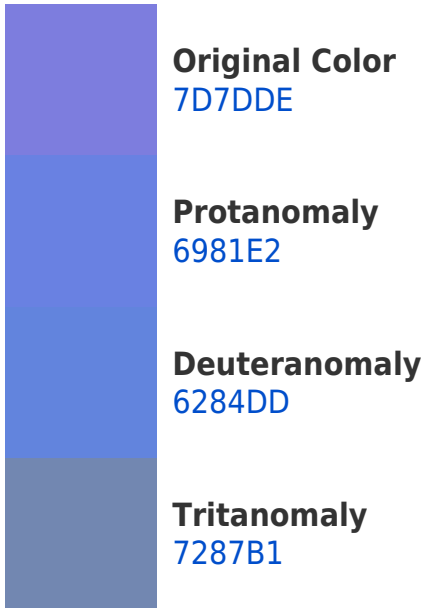
## Dichromacy





**Tritanopia**  
6B8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7DDE 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 #7D7DDE looks like.

```
.text, #text, p{  
  color:#7D7DDE  
}
```

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 #7D7DDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7DDE
}
```

## Border

The CSS property to change the border of an element to Hex 7D7DDE 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
#7D7DDE }
```

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

```
.border{ border-color:#7D7DDE }
```

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

Here you see how a box with a 4 pixel #7D7DDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7DDE; -webkit-box-shadow:4px 4px  
4px 4px #7D7DDE; box-shadow:4px 4px 4px  
4px #7D7DDE }
```

# Background

The CSS property to change the background color of an element to Hex 7D7DDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7DDE }
```

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

```
.background{ background-color:#7D7DDE }
```

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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