

# Converting Colors

Hex(7308DE)

Have a look what the booklet for  
Hex(7308DE) contains.

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**Color**

**Hex(7308DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7308DE
RGB	115, 8, 222
RGB Percent	45%, 3%, 87%
CMY	0.5490, 0.9686, 0.1294
CMYK	0.48, 0.96, 0.00, 0.13
HSL	270°, 93%, 45%
HSV	270°, 96%, 87%
XYZ	20.3419, 9.0924, 69.7901
YIQ	64.3890, -4.9220, 89.2380

# Conversions

## Conversions Part 2

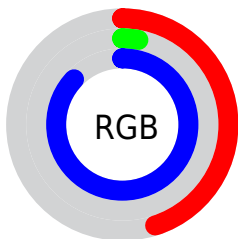
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 8, 222
Decimal	7538910
CIE <sub>Lab</sub>	36.16, 74.25, -82.51
CIE <sub>LCh</sub>	36, 110.995, 311.983
Yxy	9.0924, 0.2050, 0.0916
Android (android.graphics.Color)	4285728990 (0xFF7308DE)
YUV	64.3890, 77.7022, 44.3858
Hunter-Lab	30.1537, 67.6485, -116.1181

# Details

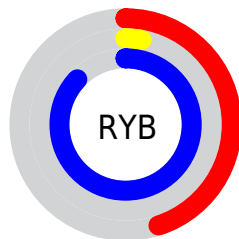
The Hex color **7308DE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **73DE08**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B150FF**, and **2D00A5** is the 20% darker color. If you saturate the color by 10%, you get **6F00DE**, and if you desaturate by 10%, it is **7E1EDE**.

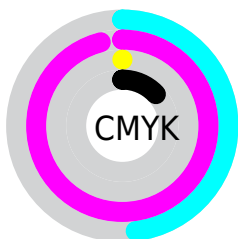
# Distribution



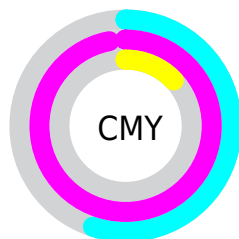
- Red (45%)
- Green (3%)
- Blue (87%)



- Red (45%)
- Yellow (3%)
- Blue (87%)



- Cyan (48%)
- Magenta (96%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (97%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7308DE 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 7308DE by changing the saturation by 10% instead.



 7308DE

 7308DE

FFFFFF

 5300C1

 B150FF

 2D00A5

 CF6CFF

 00008A

 EE88FF

 00006F

 FFA5FF

 000156

 FFC1FF

 00063D

 FFDFFF

 000327

 FFFCFF

 000110

 000000

■ 7308DE

■ 7308DE

■ 6F00DE

■ 7E1EDE

■ 8934DE

■ 944BDE

■ 9F61DE

■ AB77DE

■ B68DDE

■ C1A3DE

■ CCBADE

■ D7D0DE

# Harmonies

## Analogous

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



005AFF



7308DE



CE008F

# Triad

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



7308DE



923A00



007279

# Complementary

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



7308DE



73DE08

# 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.



006F14



7308DE



475D00

# Square

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



7308DE



C80000



006A00



0074CE

# Rectangle

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



7308DE



E10054



006A00



007159



# Sweetspot

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



7308DE



DAB5FF



0873DE



695380



000000



808080



# Same Dimension

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



7308DE



8000FF



DE08DE



6B6570



5800B0



180030



# Inverse Universe

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



DE0873



FF0080



08DE08



70656B



B00058

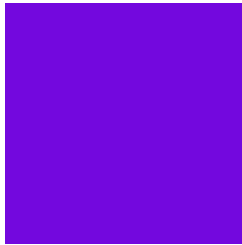


300018



# Previews

## White Background



This preview shows how the Hex color 7308DE looks on a white background.

## Color Contrast Check

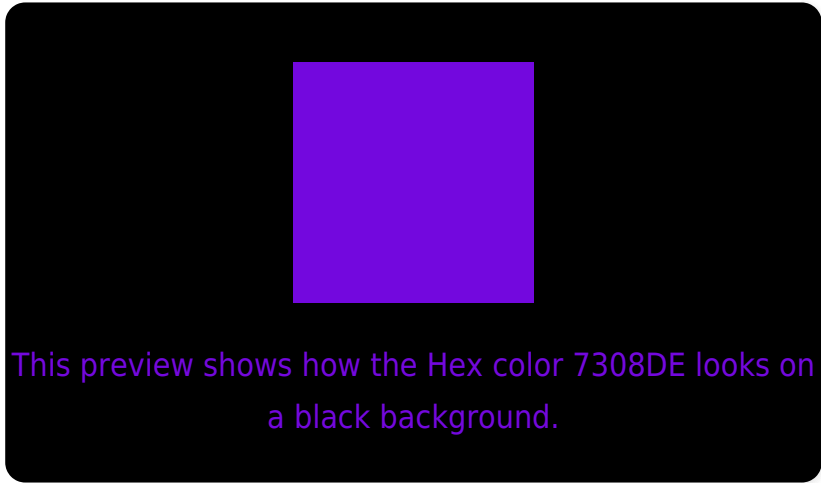
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

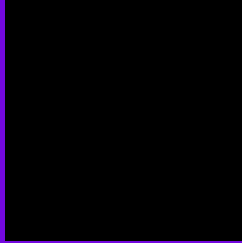
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7308DE Background



This preview shows how black text looks on a background with the Hex color 7308DE.



This preview shows how white text looks on a background with the Hex color 7308DE.

# 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



**Original Color**  
7308DE

**Protanopia**  
0053AF

**Deuteranopia**  
005996



**Tritanopia**  
51575E

# Trichromacy



**Original Color**  
7308DE



**Protanomaly**  
2A38C0



**Deuteranomaly**  
2A3CB0



**Tritanomaly**  
5D3A8D

# Monochromacy



**Original Color**  
7308DE



**Achromatopsia**  
404040



**Achromatomaly**  
532C79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7308DE 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 #7308DE looks like.

```
.text, #text, p{  
    color:#7308DE  
}
```

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 #7308DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7308DE }  
}
```

## Border

The CSS property to change the border of an element to Hex 7308DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

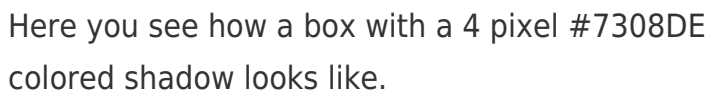
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #7308DE }  
}
```

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

```
.border{ border-color:#7308DE }
```

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



Here you see how a box with a 4 pixel #7308DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7308DE; -webkit-box-shadow:4px 4px  
4px 4px #7308DE; box-shadow:4px 4px 4px  
4px #7308DE }
```

# Background

The CSS property to change the background color of an element to Hex 7308DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7308DE }
```

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

```
.background{ background-color:#7308DE }
```

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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