

Converting Colors

Hex(7300E6)

Have a look what the booklet for
Hex(7300E6) contains.

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Color

Hex(7300E6)

Conversions

Conversions Part 1

Format	Color
Hex	7300E6
RGB	115, 0, 230
RGB Percent	45%, 0%, 90%
CMY	0.5490, 1.0000, 0.0980
CMYK	0.50, 1.00, 0.00, 0.10
HSL	270°, 100%, 45%
HSV	270°, 100%, 90%
XYZ	21.3532, 9.3580, 75.5438
YIQ	60.6050, -5.2900, 95.9100

Conversions

Conversions Part 2

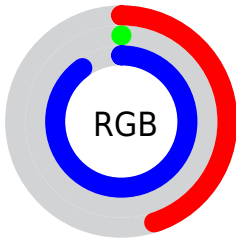
Format	Color
R_{YB}	115, 0, 230
Decimal	7536870
CIE _{Lab}	36.66, 76.95, -86.25
CIE _{LCh}	37, 115.593, 311.738
Yxy	9.3580, 0.2010, 0.0881
Android (android.graphics.Color)	4285726950 (0xFF7300E6)
YUV	60.6050, 83.5117, 47.7044
Hunter-Lab	30.5909, 71.0633, -125.0023

Details

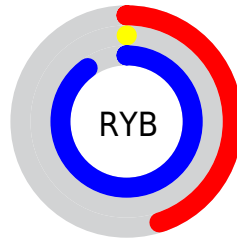
The Hex color **7300E6** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **73E600**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B24EFF**, and **2A00AD** is the 20% darker color. If you saturate the color by 10%, you get **7300E6**, and if you desaturate by 10%, it is **7F17E6**.

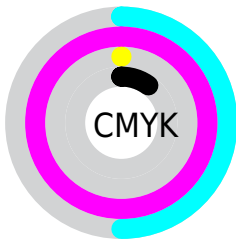
Distribution



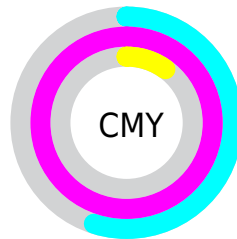
- Red (45%)
- Green (0%)
- Blue (90%)



- Red (45%)
- Yellow (0%)
- Blue (90%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (55%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7300E6 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 7300E6 by changing the saturation by 10% instead.

 7300E6

 7300E6

FFFFFF

 5200C9

 B24EFF

 2A00AD

 D16BFF

 000091

 F087FF

 000076

 FFA4FF

 00005C

 FFC1FF

 000744

 FFDEFF

 00032D

 FFFCFF

 000117

 000000

 7300E6

 7F17E6

 8A2EE6

 9645E6

 A15CE6

 AD73E6

 B88AE6

 C3A1E6

 CFB8E6

 DBCFE6

Harmonies

Analogous

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



005CFF



7300E6



D40093

Triad

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



7300E6



963900



00747B

Complementary

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



7300E6



73E600

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.



007110



7300E6



475F00

Square

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



7300E6



CD0000



006C00



0076D4

Rectangle

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



7300E6



E70056



006C00



00735A

Sweetspot

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



7300E6



D9B3FF



0073E6



695280



000000



808080

Same Dimension

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



7300E6



8000FF



E600E6



6D6773



5900B3



1A0033

Inverse Universe

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



E60073



FF0080



00E600



73676D



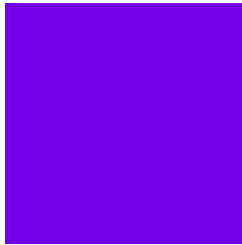
B30059



33001A

Previews

White Background



This preview shows how the Hex color 7300E6 looks on a white background.

Color Contrast Check

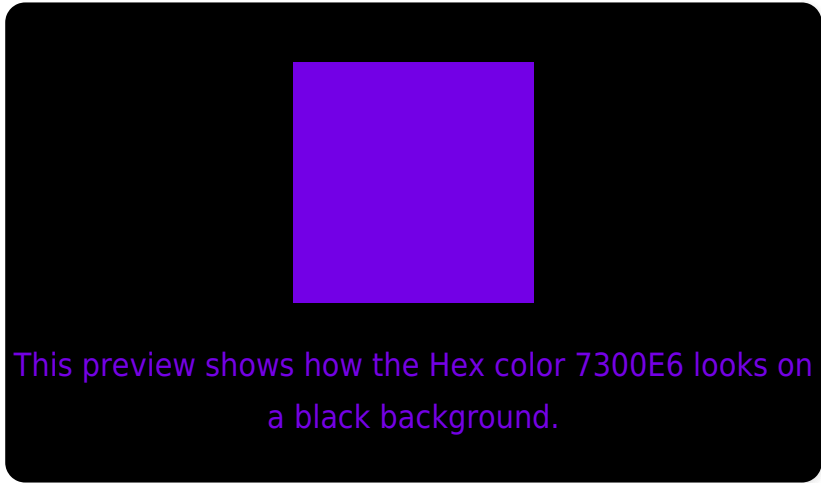
Large Text (above 18pt) WCAG AA ✓ Pass

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

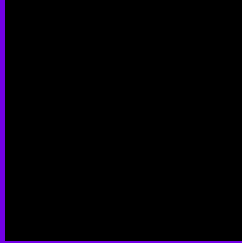
Any Text WCAG AA × Fail

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 7300E6 Background



This preview shows how black text looks on a background with the Hex color 7300E6.

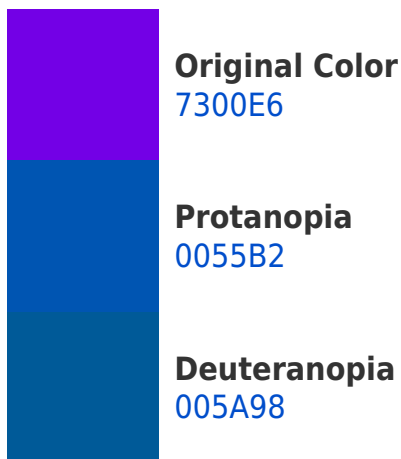


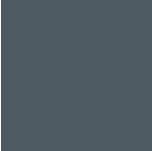
This preview shows how white text looks on a background with the Hex color 7300E6.

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
4D5A61

Trichromacy



Original Color

7300E6



Protanomaly

2A36C5



Deuteranomaly

2A39B4



Tritanomaly

5B3991

Monochromacy



Original Color

7300E6



Achromatopsia

3D3D3D



Achromatomaly

51277A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7300E6 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 #7300E6 looks like.

```
.text, #text, p{  
    color:#7300E6  
}
```

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 #7300E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7300E6
}
```

Border

The CSS property to change the border of an element to Hex 7300E6 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
#7300E6 }
```

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

```
.border{ border-color:#7300E6 }
```

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

Here you see how a box with a 4 pixel #7300E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7300E6; -webkit-box-shadow:4px 4px  
4px 4px #7300E6; box-shadow:4px 4px 4px  
4px #7300E6 }
```

Background

The CSS property to change the background color of an element to Hex 7300E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7300E6 }
```

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

```
.background{ background-color:#7300E6 }
```

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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