

Converting Colors

Hex(7100DE)

Have a look what the booklet for
Hex(7100DE) contains.

Hex(7100DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7100DE)

Conversions

Conversions Part 1

Format	Color
Hex	7100DE
RGB	113, 0, 222
RGB Percent	44%, 0%, 87%
CMY	0.5569, 1.0000, 0.1294
CMYK	0.49, 1.00, 0.00, 0.13
HSL	271°, 100%, 44%
HSV	271°, 100%, 87%
XYZ	19.9949, 8.7846, 69.7490
YIQ	59.0950, -3.9140, 92.9980

Conversions

Conversions Part 2

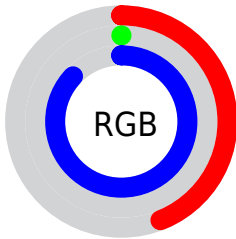
Format	Color
R_{YB}	113, 0, 222
Decimal	7405790
CIE Lab	35.57, 75.10, -83.50
CIE LCh	36, 112.305, 311.969
Yxy	8.7846, 0.2029, 0.0892
Android (android.graphics.Color)	4285595870 (0xFF7100DE)
YUV	59.0950, 80.3122, 47.2747
Hunter-Lab	29.6389, 68.5509, -118.7795

Details

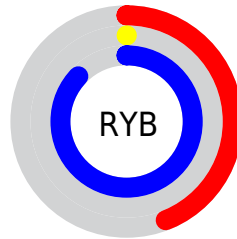
The Hex color **7100DE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6DDE00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **AF4DFF**, and **2A00A5** is the 20% darker color. If you saturate the color by 10%, you get **7100DE**, and if you desaturate by 10%, it is **7C16DE**.

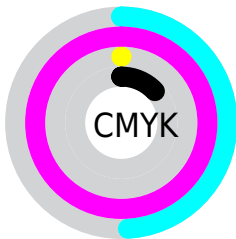
Distribution



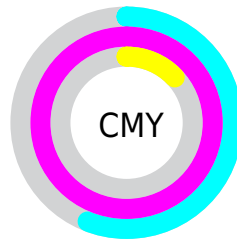
- Red (44%)
- Green (0%)
- Blue (87%)



- Red (44%)
- Yellow (0%)
- Blue (87%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7100DE 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 7100DE by changing the saturation by 10% instead.

 7100DE

 7100DE

FFFFFF

 5000C1

 AF4DFF

 2A00A5

 CE6AFF

 00008A

 ED86FF

 00006F

 FFA2FF

 000256

 FFBFFF

 00063D

 FFDCFF

 000327

 FFFAFF

 000110

 000000

 7100DE

 7C16DE

 872CDE

 9243DE

 9D59DE

 A86FDE

 B285DE

 BD9BDE

 C8B2DE

 D3C8DE

Harmonies

Analogous

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



0059FF



7100DE



CE008E

Triad

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



7100DE



913800



007077

Complementary

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



7100DE



6DDE00

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.



006D11



7100DE



455C00

Square

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



7100DE



C70000



006900



0073CE

Rectangle

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



7100DE



E00053



006900



006F58

Sweetspot

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



7100DE



D9B3FF



006FDE



695280



000000



808080

Same Dimension

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



7100DE



8200FF



DE00DE



6B6570



5A00B0



190030

Inverse Universe

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



DE006D



FF007D



00DE00



70656A



B00056



300018

Previews

White Background



This preview shows how the Hex color 7100DE looks on a white background.

Color Contrast Check

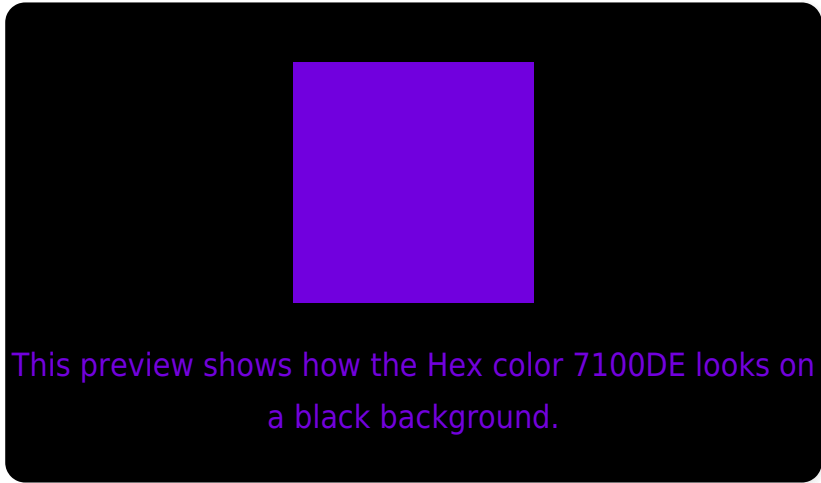
Large Text (above 18pt) WCAG AA ✓ Pass

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 7100DE Background



This preview shows how black text looks on a background with the Hex color 7100DE.



This preview shows how white text looks on a background with the Hex color 7100DE.

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](#).

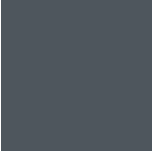
Dichromacy



Original Color
7100DE

Protanopia
0053AD

Deuteranopia
005894



Tritanopia
4E565D

Trichromacy



Original Color
7100DE

Protanomaly
2935BF

Deuteranomaly
2938AF

Tritanomaly
5B378C

Monochromacy



Original Color
7100DE

Achromatopsia
3B3B3B

Achromatomaly
4F2676

CSS Examples

Text

The CSS property to change the color of the text to Hex 7100DE 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 #7100DE looks like.

```
.text, #text, p{  
    color:#7100DE  
}
```

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 #7100DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7100DE
}
```

Border

The CSS property to change the border of an element to Hex 7100DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

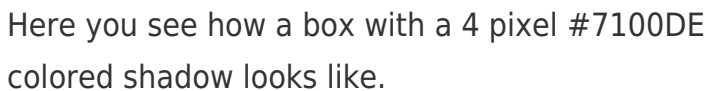
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7100DE }
```

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

```
.border{ border-color:#7100DE }
```

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



Here you see how a box with a 4 pixel #7100DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7100DE; -webkit-box-shadow:4px 4px  
4px 4px #7100DE; box-shadow:4px 4px 4px  
4px #7100DE }
```

Background

The CSS property to change the background color of an element to Hex 7100DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7100DE }
```

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

```
.background{ background-color:#7100DE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor