

Converting Colors

Hex(7440DE)

Have a look what the booklet for
Hex(7440DE) contains.

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Color

Hex(7440DE)

Conversions

Conversions Part 1

Format	Color
Hex	7440DE
RGB	116, 64, 222
RGB Percent	45%, 25%, 87%
CMY	0.5451, 0.7490, 0.1294
CMYK	0.48, 0.71, 0.00, 0.13
HSL	260°, 71%, 56%
HSV	260°, 71%, 87%
XYZ	22.2207, 12.6537, 70.3785
YIQ	97.5600, -19.7260, 60.1620

Conversions

Conversions Part 2

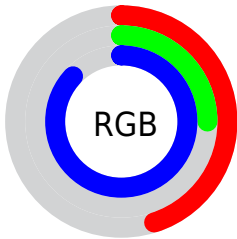
Format	Color
R _Y B	116, 64, 222
Decimal	7618782
CIE Lab	42.24, 57.00, -72.52
CIE LCh	42, 92.235, 308.167
Yxy	12.6537, 0.2111, 0.1202
Android (android.graphics.Color)	4285808862 (0xFF7440DE)
YUV	97.5600, 61.3489, 16.1719
Hunter-Lab	35.5721, 49.2518, -92.4034

Details

The Hex color **7440DE** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **AADE40**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B074FF**, and **3406A6** is the 20% darker color. If you saturate the color by 10%, you get **652ADE**, and if you desaturate by 10%, it is **8356DE**.

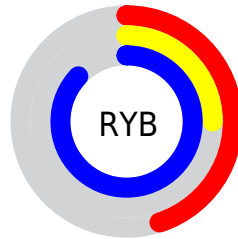
Distribution



Red (45%)

Green (25%)

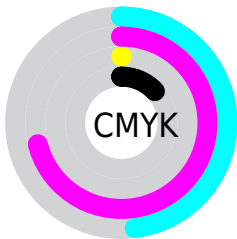
Blue (87%)



Red (45%)

Yellow (25%)

Blue (87%)

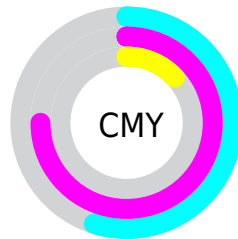


Cyan (48%)

Magenta (71%)

Yellow (0%)

Black (13%)



Cyan (55%)

Magenta (75%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7440DE 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 7440DE by changing the saturation by 10% instead.

 7440DE

 7440DE

FFFFFF

 5526C1

 B074FF

 3406A6

 CE8FFF

 00008A

 ECAAFF

 000070


 FFC6FF

 000056

 FFE3FF

 00063E

 000327

 000111

 000000

 7440DE

 7440DE

 652ADE

 8356DE

 5614DE

 926CDE

 4900DE

 A183DE

 B099DE

 BEAFDE

 CDC5DE

 DCDBDE

 EBF2DE

 FAFFDE

Harmonies

Analogous

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



0069FF



7440DE



C8009E

Triad

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



7440DE



A54900



008078

Complementary

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



7440DE



AADE40

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.



007D24



7440DE



686800

Square

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



7440DE



D10001



007700



0080C2

Rectangle

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



7440DE



DD006C



007700



007F5D

Sweetspot

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



7440DE



DBC9FF



40ACDE



6A6080



000000



808080

Same Dimension

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



7440DE



6E26FF



C140DE



696570



3A00B0



100030

Inverse Universe

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



DE40AA



FF26B8



5DDE40



70656D



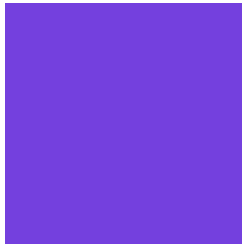
B00076



300021

Previews

White Background



This preview shows how the Hex color 7440DE 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

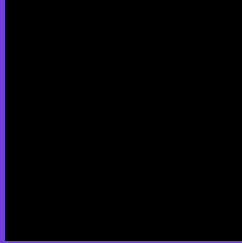
Any Text WCAG AA × Fail

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 7440DE Background



This preview shows how black text looks on a background with the Hex color 7440DE.

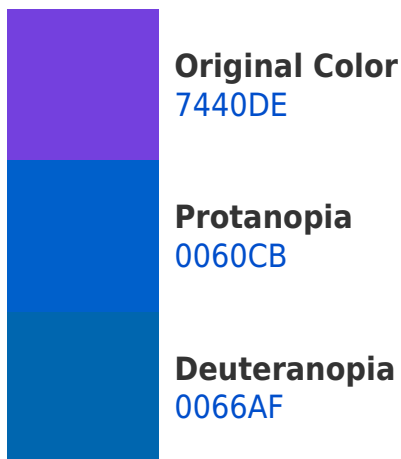


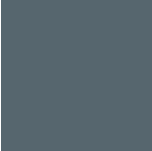
This preview shows how white text looks on a background with the Hex color 7440DE.

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](#).

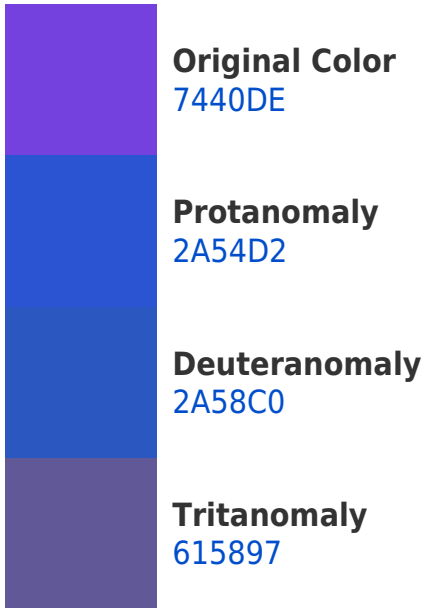
Dichromacy



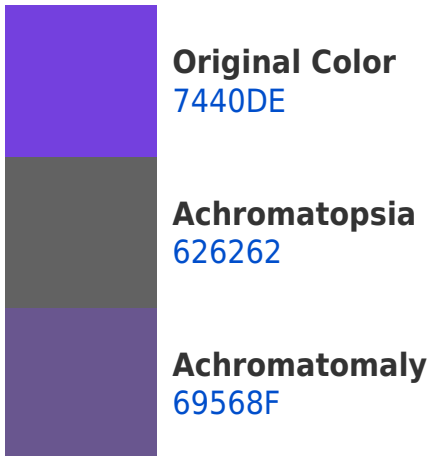


Tritanopia
56666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7440DE 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 #7440DE looks like.

```
.text, #text, p{  
    color:#7440DE  
}
```

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 #7440DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7440DE
}
```

Border

The CSS property to change the border of an element to Hex 7440DE 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
#7440DE }
```

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

```
.border{ border-color:#7440DE }
```

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

Here you see how a box with a 4 pixel #7440DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7440DE; -webkit-box-shadow:4px 4px  
4px 4px #7440DE; box-shadow:4px 4px 4px  
4px #7440DE }
```

Background

The CSS property to change the background color of an element to Hex 7440DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7440DE }
```

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

```
.background{ background-color:#7440DE }
```

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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