

Converting Colors

Hex(7437DD)

Have a look what the booklet for
Hex(7437DD) contains.

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Color

Hex(7437DD)

Conversions

Conversions Part 1

Format	Color
Hex	7437DD
RGB	116, 55, 221
RGB Percent	45%, 22%, 87%
CMY	0.5451, 0.7843, 0.1333
CMYK	0.48, 0.75, 0.00, 0.13
HSL	262°, 71%, 54%
HSV	262°, 75%, 87%
XYZ	21.6198, 11.6658, 69.5189
YIQ	92.1630, -16.9300, 64.5580

Conversions

Conversions Part 2

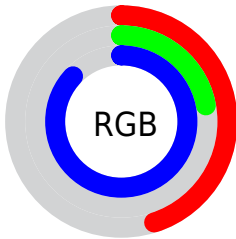
Format	Color
R_{YB}	116, 55, 221
Decimal	7616477
CIE _{Lab}	40.68, 60.91, -74.49
CIE _{LCh}	41, 96.223, 309.269
Yxy	11.6658, 0.2103, 0.1135
Android (android.graphics.Color)	4285806557 (0xFF7437DD)
YUV	92.1630, 63.5166, 20.9050
Hunter-Lab	34.1553, 53.2161, -96.7687

Details

The Hex color **7437DD** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **A0DD37**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B06CFF**, and **3300A5** is the 20% darker color. If you saturate the color by 10%, you get **6621DD**, and if you desaturate by 10%, it is **824DDD**.

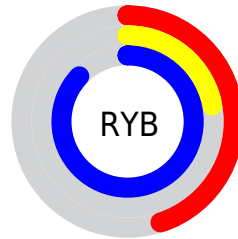
Distribution



Red (45%)

Green (22%)

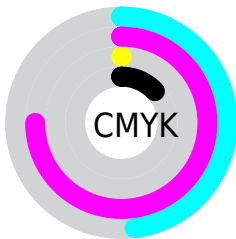
Blue (87%)



Red (45%)

Yellow (22%)

Blue (87%)

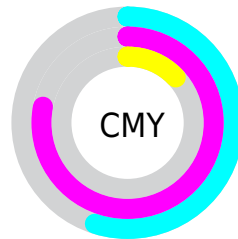


Cyan (48%)

Magenta (75%)

Yellow (0%)

Black (13%)



Cyan (55%)

Magenta (78%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7437DD 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 7437DD by changing the saturation by 10% instead.

 7437DD

 7437DD

FFFFFF

 551AC0

 B06CFF

 3300A5

 CE87FF

 000089

 EDA2FF

 00006F

 FFBEFF


 000055

 FFDBFF

 00063D

 FFF8FF

 000326

 00010F

 000000

 7437DD

 7437DD

 6621DD

 824DDD

 580BDD

 9063DD

 5100DD

 9E79DD

 AC8FDD

 BAA6DD

 C8BCDD

 D6D2DD

 E4E8DD

 F2FEDD

Harmonies

Analogous

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



0065FF



7437DD



C9009A

Triad

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



7437DD



A04500



007C78

Complementary

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



7437DD



A0DD37

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.



007A21



7437DD



606500

Square

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



7437DD



CE0000



007400



007DC4

Rectangle

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



7437DD



DE0066



007400



007C5C

Sweetspot

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



7437DD



DAC4FF



37A0DD



695C80



000000



808080

Same Dimension

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



7437DD



6E19FF



C737DD



67636E



4000AD



11002E

Inverse Universe

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



DD37A0



FF19AB



4DDD37



6E636A



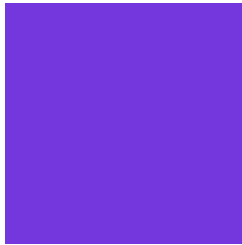
AD006E



2E001D

Previews

White Background



This preview shows how the Hex color 7437DD looks on a white background.

Color Contrast Check

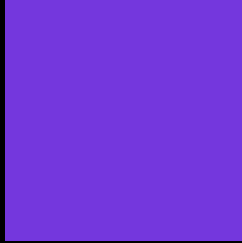
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7437DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

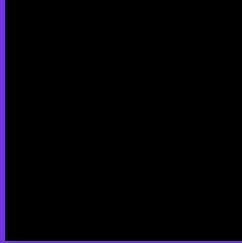
Any Text WCAG AA × Fail

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 7437DD Background



This preview shows how black text looks on a background with the Hex color 7437DD.

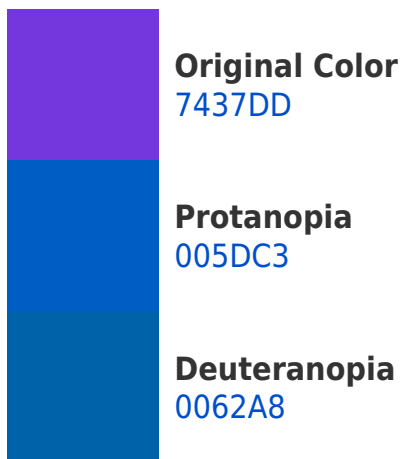


This preview shows how white text looks on a background with the Hex color 7437DD.

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
556269

Trichromacy



Original Color
7437DD



Protanomaly
2A4FCC



Deuteranomaly
2A52BB



Tritanomaly
605293

Monochromacy



Original Color
7437DD



Achromatopsia
5C5C5C



Achromatomaly
654F8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7437DD 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 #7437DD looks like.

```
.text, #text, p{  
    color:#7437DD  
}
```

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 #7437DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7437DD
}
```

Border

The CSS property to change the border of an element to Hex 7437DD 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".

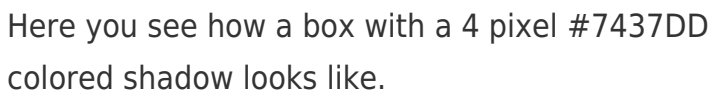
```
.border, #border, table{ border:4px solid
#7437DD }
```

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

```
.border{ border-color:#7437DD }
```

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

Here you see how a box with a 4 pixel #7437DD colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7437DD; -webkit-box-shadow:4px 4px  
4px 4px #7437DD; box-shadow:4px 4px 4px  
4px #7437DD }
```

Background

The CSS property to change the background color of an element to Hex 7437DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7437DD }
```

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

```
.background{ background-color:#7437DD }
```

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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