

Converting Colors

Hex(7417CE)

Have a look what the booklet for
Hex(7417CE) contains.

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Color

Hex(7417CE)

Conversions

Conversions Part 1

Format	Color
Hex	7417CE
RGB	116, 23, 206
RGB Percent	45%, 9%, 81%
CMY	0.5451, 0.9098, 0.1922
CMYK	0.44, 0.89, 0.00, 0.19
HSL	270°, 80%, 45%
HSV	270°, 89%, 81%
XYZ	18.6494, 8.7820, 59.1047
YIQ	71.6690, -3.3150, 76.6290

Conversions

Conversions Part 2

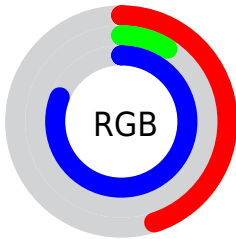
Format	Color
R_{YB}	116, 23, 206
Decimal	7608270
CIE Lab	35.56, 68.30, -74.25
CIE LCh	36, 100.885, 312.609
Yxy	8.7820, 0.2155, 0.1015
Android (android.graphics.Color)	4285798350 (0xFF7417CE)
YUV	71.6690, 66.2252, 38.8783
Hunter-Lab	29.6345, 60.4724, -97.5072

Details

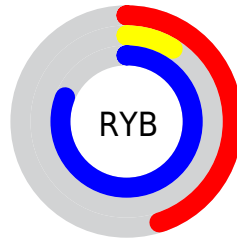
The Hex color **7417CE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **71CE17**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B055FF**, and **340096** is the 20% darker color. If you saturate the color by 10%, you get **6A02CE**, and if you desaturate by 10%, it is **7E2CCE**.

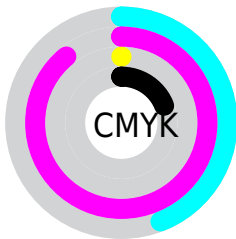
Distribution



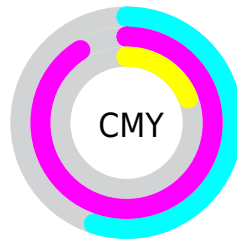
- Red (45%)
- Green (9%)
- Blue (81%)



- Red (45%)
- Yellow (9%)
- Blue (81%)



- Cyan (44%)
- Magenta (89%)
- Yellow (0%)
- Black (19%)



- Cyan (55%)
- Magenta (91%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7417CE 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 7417CE by changing the saturation by 10% instead.

 7417CE

 7417CE

FFFFFF

 5500B2

 B055FF

 340096

 CE70FF

 00007B

 EC8CFF

 000062

 FFA8FF

 000448

 FFC5FF

 000431

 FFE2FF

 00011B

 000000

 7417CE

 7417CE

■ 6A02CE

■ 7E2CCE

■ 6900CE

■ 8840CE

■ 9255CE

■ 9D69CE

■ A77ECE

■ B193CE

■ BBA7CE

■ C5BCCE

■ CFD0CE

Harmonies

Analogous

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



0057F7



7417CE



C30086

Triad

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



7417CE



8C3D00



006F75

Complementary

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



7417CE



71CE17

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.



006C1D



7417CE



475B00

Square

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



7417CE



BD0000



006800



0070C2

Rectangle

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



7417CE



D40051



006800



006E59

Sweetspot

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



7417CE



DDBAFF



1773CE



6B5780



000000



808080

Same Dimension

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



7417CE



8200FF



CE17CE



615C66



5400A6



130026

Inverse Universe

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



CE1771



FF007D



17CE17



665C61



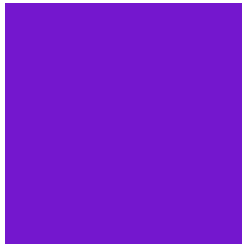
A60052



260013

Previews

White Background



This preview shows how the Hex color 7417CE looks on a white background.

Color Contrast Check

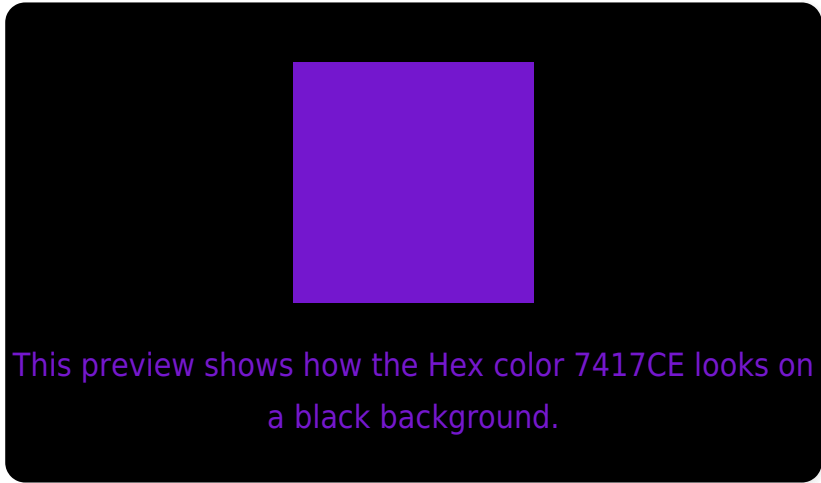
Large Text (above 18pt) WCAG AA ✓ Pass

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

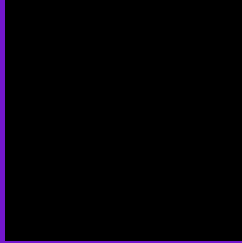
Any Text WCAG AA × Fail

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 7417CE Background



This preview shows how black text looks on a background with the Hex color 7417CE.




This preview shows how white text looks on a background with the Hex color 7417CE.

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
595259

Trichromacy



Original Color
7417CE



Protanomaly
2A3DB8



Deuteranomaly
2A40A8



Tritanomaly
633D84

Monochromacy



Original Color
7417CE



Achromatopsia
484848



Achromatomaly
583679

CSS Examples

Text

The CSS property to change the color of the text to Hex 7417CE 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 #7417CE looks like.

```
.text, #text, p{  
    color:#7417CE  
}
```

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 #7417CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7417CE
}
```

Border

The CSS property to change the border of an element to Hex 7417CE 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".

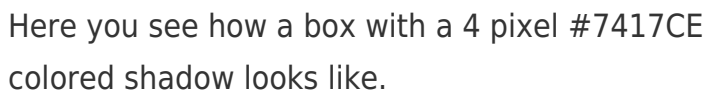
```
.border, #border, table{ border:4px solid
#7417CE }
```

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

```
.border{ border-color:#7417CE }
```

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

Here you see how a box with a 4 pixel #7417CE colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7417CE; -webkit-box-shadow:4px 4px  
4px 4px #7417CE; box-shadow:4px 4px 4px  
4px #7417CE }
```

Background

The CSS property to change the background color of an element to Hex 7417CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7417CE }
```

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

```
.background{ background-color:#7417CE }
```

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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