

Converting Colors

Hex(7A46CA)

Have a look what the booklet for
Hex(7A46CA) contains.

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Color

Hex(7A46CA)

Conversions

Conversions Part 1

Format	Color
Hex	7A46CA
RGB	122, 70, 202
RGB Percent	48%, 27%, 79%
CMY	0.5216, 0.7255, 0.2078
CMYK	0.40, 0.65, 0.00, 0.21
HSL	264°, 55%, 53%
HSV	264°, 65%, 79%
XYZ	20.8769, 12.7822, 57.2440
YIQ	100.5960, -11.3800, 52.0760

Conversions

Conversions Part 2

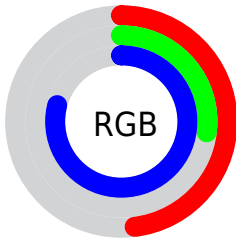
Format	Color
R_{YB}	122, 70, 202
Decimal	8013514
CIE _{Lab}	42.43, 49.81, -60.67
CIE _{LCh}	42, 78.500, 309.386
Yxy	12.7822, 0.2297, 0.1406
Android (android.graphics.Color)	4286203594 (0xFF7A46CA)
YUV	100.5960, 49.9922, 18.7713
Hunter-Lab	35.7521, 41.6658, -69.9047

Details

The Hex color **7A46CA** 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 **96CA46**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B379FF**, and **401293** is the 20% darker color. If you saturate the color by 10%, you get **6E32CA**, and if you desaturate by 10%, it is **865ACA**.

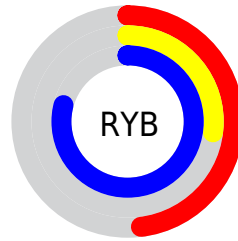
Distribution



Red (48%)

Green (27%)

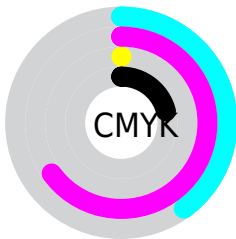
Blue (79%)



Red (48%)

Yellow (27%)

Blue (79%)

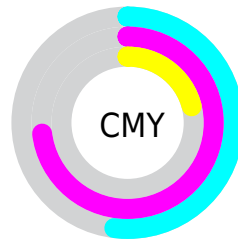


Cyan (40%)

Magenta (65%)

Yellow (0%)

Black (21%)



Cyan (52%)

Magenta (73%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A46CA 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 7A46CA by changing the saturation by 10% instead.

 7A46CA

 7A46CA

FFFFFF

 5E2DAE


 B379FF

 401293

 D194FF

 1F0078

 EEAFFF

 00005F

 FFCBFF

 000046

 FFE8FF

 00042F

 000119

 000000

 7A46CA

 7A46CA

6E32CA

865ACA

621ECA

926ECA

5509CA

9F83CA

5000CA

AB97CA

B7ABCA

C3BFCA

D0D3CA

DCE8CA

E8FCCA

Harmonies

Analogous

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



0067E7



7A46CA



BD0093

Triad

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



7A46CA



9E4F00



007E78

Complementary

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



7A46CA



96CA46

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.



007C33



7A46CA



696800

Square

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



7A46CA



C32112



087500



007EB6

Rectangle

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



7A46CA



CF0069



087500



007E61

Sweetspot

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



7A46CA



E0CCFF



4697CA



6D6180



000000



808080

Same Dimension

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



7A46CA



8638FF



BB46CA



605C66



4100A6



0F0026

Inverse Universe

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



CA4696



FF38B1



55CA46



665C62



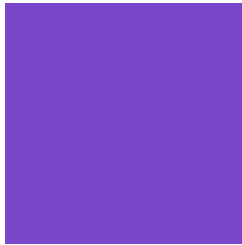
A60064



260017

Previews

White Background



This preview shows how the Hex color 7A46CA looks on a white background.

Color Contrast Check

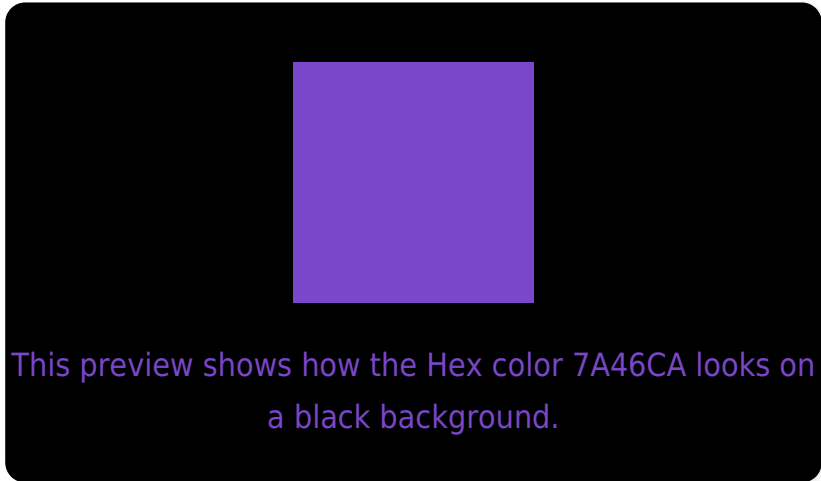
Large Text (above 18pt) WCAG AA ✓ Pass

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

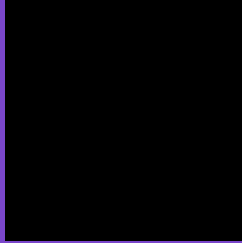
Any Text WCAG AA × Fail

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 7A46CA Background



This preview shows how black text looks on a background with the Hex color 7A46CA.



This preview shows how white text looks on a background with the Hex color 7A46CA.

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](#).

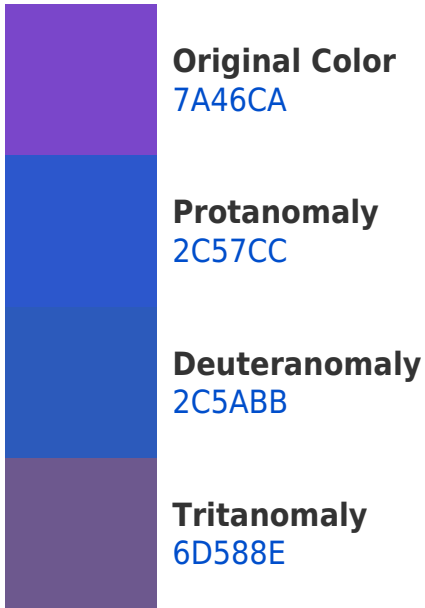
Dichromacy





Tritanopia
65636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A46CA 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 #7A46CA looks like.

```
.text, #text, p{  
    color:#7A46CA  
}
```

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 #7A46CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A46CA
}
```

Border

The CSS property to change the border of an element to Hex 7A46CA 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
#7A46CA }
```

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

```
.border{ border-color:#7A46CA }
```

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

Here you see how a box with a 4 pixel #7A46CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A46CA; -webkit-box-shadow:4px 4px  
4px 4px #7A46CA; box-shadow:4px 4px 4px  
4px #7A46CA }
```

Background

The CSS property to change the background color of an element to Hex 7A46CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A46CA }
```

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

```
.background{ background-color:#7A46CA }
```

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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