

Converting Colors

Hex(4730AE)

Have a look what the booklet for
Hex(4730AE) contains.

Hex(4730AE)	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(4730AE)

Conversions

Conversions Part 1

Format	Color
Hex	4730AE
RGB	71, 48, 174
RGB Percent	28%, 19%, 68%
CMY	0.7216, 0.8118, 0.3176
CMYK	0.59, 0.72, 0.00, 0.32
HSL	251°, 57%, 44%
HSV	251°, 72%, 68%
XYZ	11.2955, 6.5095, 40.7055
YIQ	69.2410, -26.7380, 44.0620

Conversions

Conversions Part 2

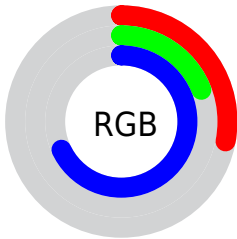
Format	Color
RYB	71, 48, 174
Decimal	4665518
CIELab	30.66, 44.69, -63.62
CIElCh	31, 77.751, 305.085
Yxy	6.5095, 0.1931, 0.1113
Android (android.graphics.Color)	4282855598 (0xFF4730AE)
YUV	69.2410, 51.6462, 1.5426
Hunter-Lab	25.5137, 34.3768, -76.7339

Details

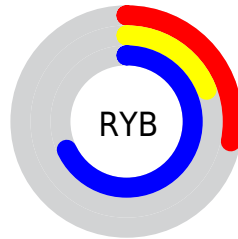
The Hex color **4730AE** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **97AE30**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8261E7**, and **000178** is the 20% darker color. If you saturate the color by 10%, you get **391FAE**, and if you desaturate by 10%, it is **5541AE**.

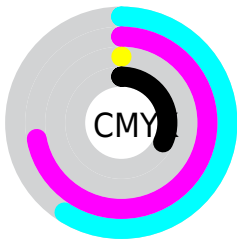
Distribution



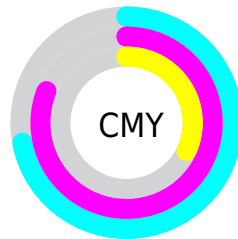
- Red (28%)
- Green (19%)
- Blue (68%)



- Red (28%)
- Yellow (19%)
- Blue (68%)



- Cyan (59%)
- Magenta (72%)
- Yellow (0%)
- Black (32%)



- Cyan (72%)
- Magenta (81%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4730AE 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 4730AE by changing the saturation by 10% instead.

■ 4730AE

■ 4730AE

FFFFFF

■ 251893

■ 8261E7

■ 000178

■ 9F7AFF

■ 00005F

■ BC94FF

■ 000446

■ DAAFFF

■ 00042F

■ F8CBFF

■ 000119

■ FFE8FF

■ 000000

■ 4730AE

■ 4730AE

■ 391FAE

■ 5541AE

■ 2B0DAE

■ 6353AE

■ 2000AE

■ 7264AE

■ 8076AE

■ 8E87AE

■ 9C98AE

■ ABAAAE

■ B9BBAE

■ C7CDAE

Harmonies

Analogous

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



004FC5



4730AE



94007D

Triad

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



4730AE



802E00



005E52

Complementary

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



4730AE



97AE30

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.



005C0B



4730AE



504A00

Square

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



4730AE



A10002



005600



005F8E

Rectangle

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



4730AE



A70055



005600



005D3C

Sweetspot

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



4730AE



BAB1E3



3099AE



5A5573



F2F2F2



737373

Same Dimension

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



4730AE



421EE3



8430AE



504E57



1B0096



040017

Inverse Universe

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



AE3097



E31EBF



5AAE30



574E55



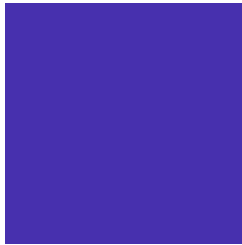
96007B



170013

Previews

White Background



This preview shows how the Hex color 4730AE looks on a white background.

Color Contrast Check

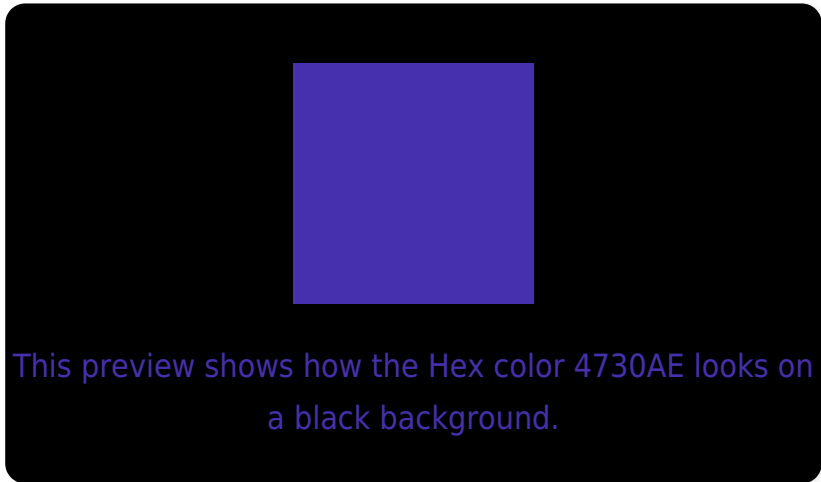
Large Text (above 18pt) WCAG AA ✓ Pass

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

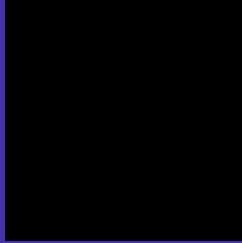
Any Text WCAG AA × Fail

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 4730AE Background



This preview shows how black text looks on a background with the Hex color 4730AE.

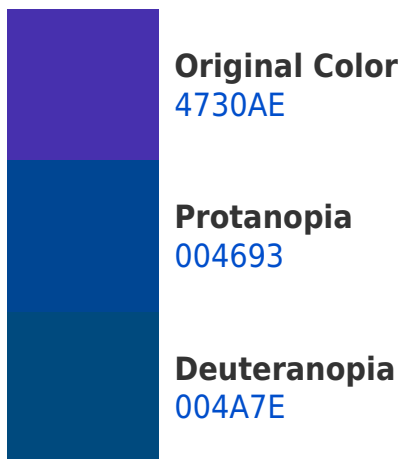


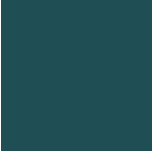
This preview shows how white text looks on a background with the Hex color 4730AE.

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
1F4F55

Trichromacy



Original Color
4730AE

Protanomaly
1A3E9D

Deuteranomaly
1A418F

Tritanomaly
2E4475

Monochromacy



Original Color
4730AE

Achromatopsia
454545

Achromatomaly
463D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4730AE 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 #4730AE looks like.

```
.text, #text, p{  
    color:#4730AE  
}
```

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 #4730AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4730AE
}
```

Border

The CSS property to change the border of an element to Hex 4730AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

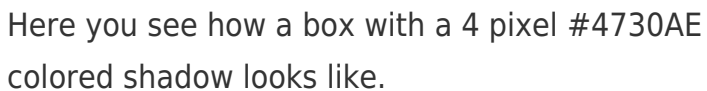
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4730AE }
```

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

```
.border{ border-color:#4730AE }
```

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



Here you see how a box with a 4 pixel #4730AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4730AE; -webkit-box-shadow:4px 4px  
4px 4px #4730AE; box-shadow:4px 4px 4px  
4px #4730AE }
```

Background

The CSS property to change the background color of an element to Hex 4730AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4730AE }
```

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

```
.background{ background-color:#4730AE }
```

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