

Converting Colors

Hex(7430AD)

Have a look what the booklet for
Hex(7430AD) contains.

Hex(7430AD)	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(7430AD)

Conversions

Conversions Part 1

Format	Color
Hex	7430AD
RGB	116, 48, 173
RGB Percent	45%, 19%, 68%
CMY	0.5451, 0.8118, 0.3216
CMYK	0.33, 0.72, 0.00, 0.32
HSL	273°, 57%, 43%
HSV	273°, 72%, 68%
XYZ	15.8022, 8.8440, 40.4094
YIQ	82.5820, 0.4030, 53.2910

Conversions

Conversions Part 2

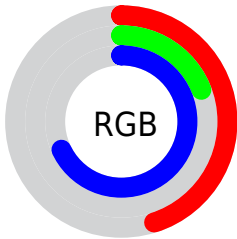
Format	Color
R_{YB}	116, 48, 173
Decimal	7614637
CIE _{Lab}	35.68, 52.17, -54.62
CIE _{LCh}	36, 75.529, 313.684
Yxy	8.8440, 0.2429, 0.1359
Android (android.graphics.Color)	4285804717 (0xFF7430AD)
YUV	82.5820, 44.5761, 29.3076
Hunter-Lab	29.7389, 42.8056, -59.7462

Details

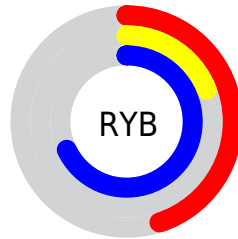
The Hex color **7430AD** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **69AD30**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **AC64E5**, and **3C0078** is the 20% darker color. If you saturate the color by 10%, you get **6C1FAD**, and if you desaturate by 10%, it is **7C41AD**.

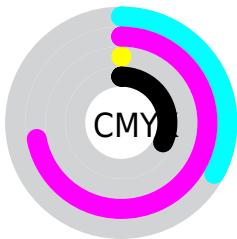
Distribution



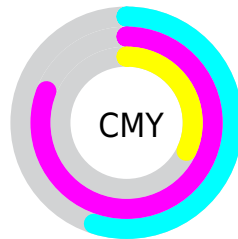
- Red (45%)
- Green (19%)
- Blue (68%)



- Red (45%)
- Yellow (19%)
- Blue (68%)



- Cyan (33%)
- Magenta (72%)
- Yellow (0%)
- Black (32%)



- Cyan (55%)
- Magenta (81%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7430AD 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 7430AD by changing the saturation by 10% instead.

 7430AD

 7430AD

FFFFFF

 581392

 AC64E5

 3C0078

 C97EFF

 1F005E

 E69AFF

 000046

 FFB5FF

 00042E

 FFD1FF

 000118

 FFEEFF

 000000

 7430AD

 7430AD

 6C1FAD

 7C41AD

640DAD

8453AD

5E00AD

8C64AD

9475AD

9B87AD

A398AD

ABA9AD

B3BAAD

BBCCAD

Harmonies

Analogous

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



0053CC



7430AD



AB0077

Triad

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



7430AD



824500



006B6F

Complementary

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



7430AD



69AD30

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.



00692F



7430AD



4E5A00

Square

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



7430AD



A71800



006500



006BA8

Rectangle

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



7430AD



B80050



006500



006B5A

Sweetspot

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



7430AD



CAAFE0



306AAD



635370



F0F0F0



707070

Same Dimension

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



7430AD



871DE0



AD30A9



534E57



520096



0C0017

Inverse Universe

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



AD3069



E01D76



30AD34



574E52



960045



17000A

Previews

White Background



This preview shows how the Hex color 7430AD looks on a white background.

Color Contrast Check

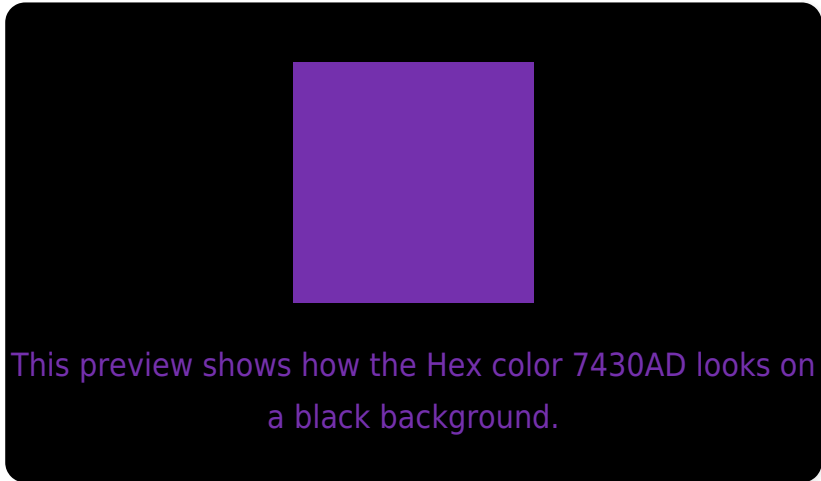
Large Text (above 18pt) WCAG AA ✓ Pass

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

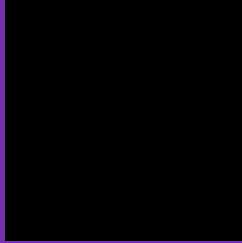
Any Text WCAG AA × Fail

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 7430AD Background



This preview shows how black text looks on a background with the Hex color 7430AD.

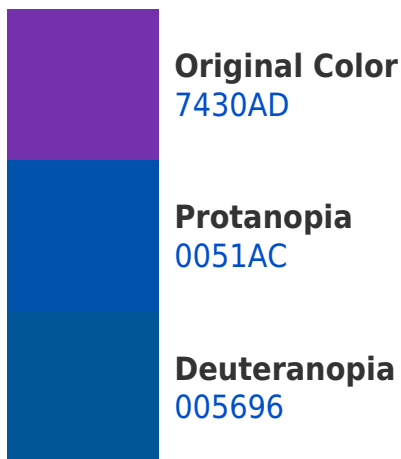


This preview shows how white text looks on a background with the Hex color 7430AD.

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](#).

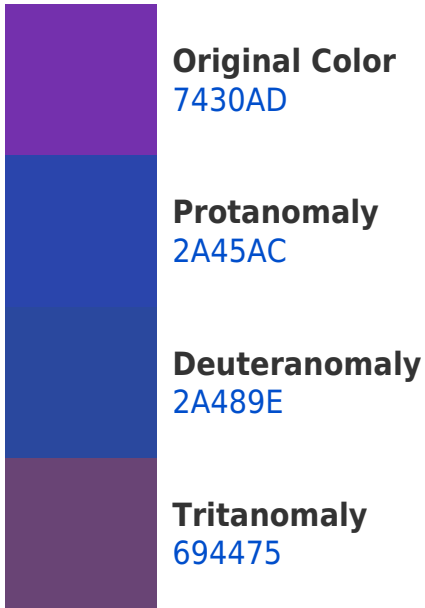
Dichromacy



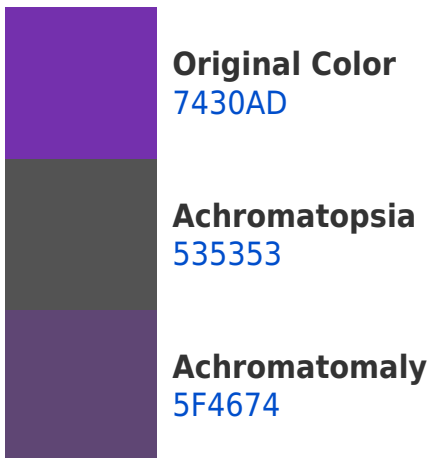


Tritanopia
634F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7430AD 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 #7430AD looks like.

```
.text, #text, p{  
    color:#7430AD  
}
```

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 #7430AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7430AD
}
```

Border

The CSS property to change the border of an element to Hex 7430AD 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
#7430AD }
```

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

```
.border{ border-color:#7430AD }
```

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

Here you see how a box with a 4 pixel #7430AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7430AD; -webkit-box-shadow:4px 4px  
4px 4px #7430AD; box-shadow:4px 4px 4px  
4px #7430AD }
```

Background

The CSS property to change the background color of an element to Hex 7430AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7430AD }
```

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

```
.background{ background-color:#7430AD }
```

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