

Converting Colors

Hex(4A0D84)

Have a look what the booklet for
Hex(4A0D84) contains.

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Color

Hex(4A0D84)

Conversions

Conversions Part 1

Format	Color
Hex	4A0D84
RGB	74, 13, 132
RGB Percent	29%, 5%, 52%
CMY	0.7098, 0.9490, 0.4824
CMYK	0.44, 0.90, 0.00, 0.48
HSL	271°, 82%, 28%
HSV	271°, 90%, 52%
XYZ	7.1328, 3.4096, 22.1120
YIQ	44.8050, -1.8430, 49.9410

Conversions

Conversions Part 2

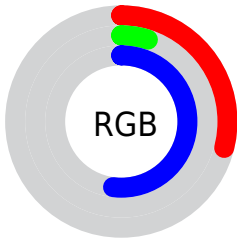
Format	Color
R _Y B	74, 13, 132
Decimal	4853124
CIE Lab	21.61, 48.77, -52.70
CIE LCh	22, 71.805, 312.778
Yxy	3.4096, 0.2184, 0.1044
Android (android.graphics.Color)	4283043204 (0xFF4A0D84)
YUV	44.8050, 42.9871, 25.6040
Hunter-Lab	18.4652, 36.6377, -58.0738

Details

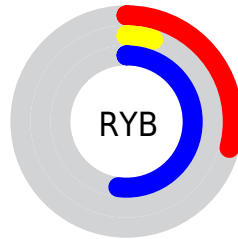
The Hex color **4A0D84** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **47840D**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8143BA**, and **120051** is the 20% darker color. If you saturate the color by 10%, you get **440084**, and if you desaturate by 10%, it is **501A84**.

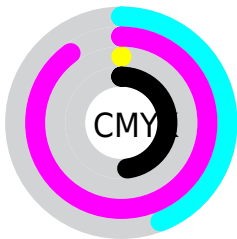
Distribution



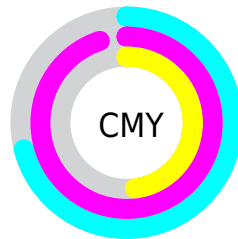
- Red (29%)
- Green (5%)
- Blue (52%)



- Red (29%)
- Yellow (5%)
- Blue (52%)



- Cyan (44%)
- Magenta (90%)
- Yellow (0%)
- Black (48%)



- Cyan (71%)
- Magenta (95%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A0D84 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 4A0D84 by changing the saturation by 10% instead.

■ 4A0D84

■ 4A0D84

FFFFFF

■ 2E006A

■ 8143BA

■ 120051

■ 9D5DD6

■ 000039

■ B977F3

■ 000223

■ D691FF

■ 000009

■ F4ADFF

■ 000000

■ FFC9FF

■ FFE5FF

■ 4A0D84

■ 4A0D84

■ 440084

■ 501A84

■ 572784

■ 5D3584

■ 644284

■ 6A4F84

■ 715C84

■ 776984

■ 7D7784

■ 848484

Harmonies

Analogous

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



00369F



4A0D84



7E0055

Triad

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



4A0D84



592500



00464A

Complementary

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



4A0D84



47840D

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.



004410



4A0D84



2C3900

Square

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



4A0D84



790000



004100



00477D

Rectangle

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



4A0D84



880032



004100



004638

Sweetspot

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



4A0D84



947DAB



0D4984



493B57



D6D6D6



575757

Same Dimension

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



4A0D84



5800AB



840D84



3F3C42



430082



010003

Inverse Universe

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



840D47



AB0053



0D840D



423C3F



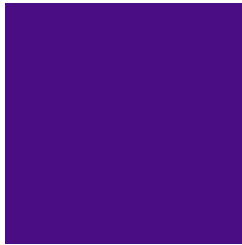
82003F



030001

Previews

White Background



This preview shows how the Hex color 4A0D84 looks on a white background.

Color Contrast Check

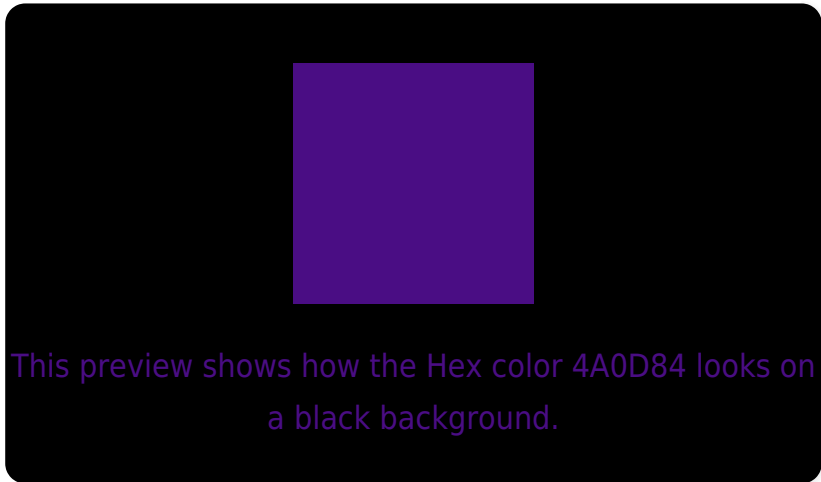
Large Text (above 18pt) WCAG AA ✓ Pass

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

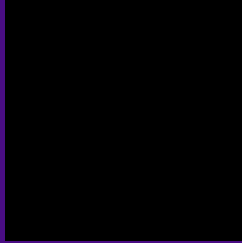
Any Text WCAG AA × Fail

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 4A0D84 Background



This preview shows how black text looks on a background with the Hex color 4A0D84.



This preview shows how white text looks on a background with the Hex color 4A0D84.

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



Original Color
4A0D84

Protanopia
00346D

Deuteranopia
00375E



Tritanopia
383439

Trichromacy



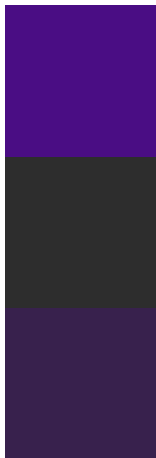
Original Color
4A0D84

Protanomaly
1B2675

Deuteranomaly
1B286C

Tritanomaly
3F2654

Monochromacy



Original Color
4A0D84

Achromatopsia
2D2D2D

Achromatomaly
38214D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A0D84 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 #4A0D84 looks like.

```
.text, #text, p{  
    color:#4A0D84  
}
```

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 #4A0D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0D84
}
```

Border

The CSS property to change the border of an element to Hex 4A0D84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

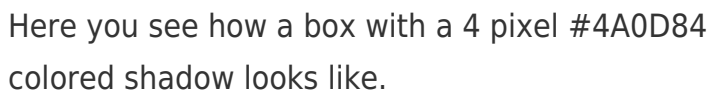
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A0D84 }
```

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

```
.border{ border-color:#4A0D84 }
```

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



Here you see how a box with a 4 pixel #4A0D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0D84; -webkit-box-shadow:4px 4px  
4px 4px #4A0D84; box-shadow:4px 4px 4px  
4px #4A0D84 }
```

Background

The CSS property to change the background color of an element to Hex 4A0D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0D84 }
```

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

```
.background{ background-color:#4A0D84 }
```

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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