

Converting Colors

Hex(4D3AAE)

Have a look what the booklet for
Hex(4D3AAE) contains.

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Color

Hex(4D3AAE)

Conversions

Conversions Part 1

Format	Color
Hex	4D3AAE
RGB	77, 58, 174
RGB Percent	30%, 23%, 68%
CMY	0.6980, 0.7725, 0.3176
CMYK	0.56, 0.67, 0.00, 0.32
HSL	250°, 50%, 45%
HSV	250°, 67%, 68%
XYZ	12.2136, 7.6599, 40.8792
YIQ	76.9050, -25.9120, 40.1040

Conversions

Conversions Part 2

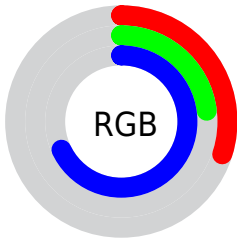
Format	Color
RYB	77, 58, 174
Decimal	5061294
CIELab	33.26, 39.97, -59.34
CIElCh	33, 71.547, 303.959
Yxy	7.6599, 0.2010, 0.1261
Android (android.graphics.Color)	4283251374 (0xFF4D3AAE)
YUV	76.9050, 47.8678, 0.0833
Hunter-Lab	27.6765, 30.3380, -68.1999

Details

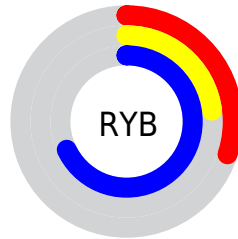
The Hex color **4D3AAE** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9BAE3A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **876BE6**, and **000C78** is the 20% darker color. If you saturate the color by 10%, you get **3E29AE**, and if you desaturate by 10%, it is **5C4BAE**.

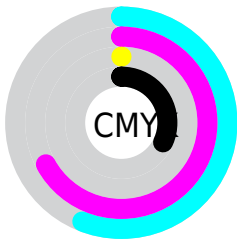
Distribution



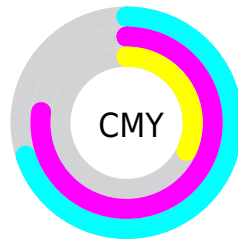
- Red (30%)
- Green (23%)
- Blue (68%)



- Red (30%)
- Yellow (23%)
- Blue (68%)



- Cyan (56%)
- Magenta (67%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (77%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3AAE 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 4D3AAE by changing the saturation by 10% instead.

4D3AAE

4D3AAE

FFFFFF

2E2393

876BE6

000C78

A384FF

00005F

C09FFF

000046

DEBAFF

00042F

FCD6FF

000119

FFF2FF

000000

4D3AAE

4D3AAE

3E29AE

5C4BAE

■ 3017AE

■ 6A5DAE

■ 2106AE

■ 796EAE

■ 1C00AE

■ 8780AE

■ 9691AE

■ A4A2AE

■ B3B4AE

■ C1C5AE

■ D0D7AE

Harmonies

Analogous

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



0054C2



4D3AAE



940081

Triad

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



4D3AAE



863600



006455

Complementary

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



4D3AAE



9BAE3A

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.



006116



4D3AAE



5A4F00

Square

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



4D3AAE



A40012



175C00



00648D

Rectangle

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



4D3AAE



A8005C



175C00



006341

Sweetspot

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



4D3AAE



BDB6E3



3A9DAE



5C5773



F2F2F2



737373

Same Dimension

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



4D3AAE



4B2DE3



853AAE



4F4E57



190096



040017

Inverse Universe

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



AE3A9B



E32DC5



63AE3A



574E55



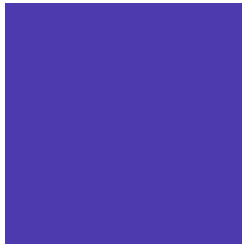
96007E



170013

Previews

White Background



This preview shows how the Hex color 4D3AAE looks on a white background.

Color Contrast Check

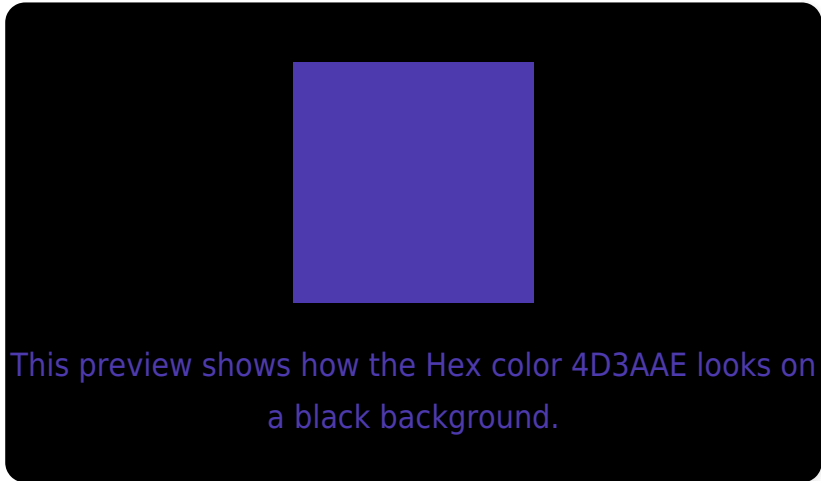
Large Text (above 18pt) WCAG AA ✓ Pass

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

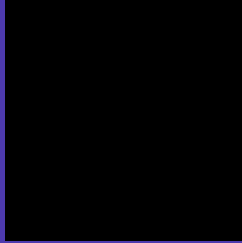
Any Text WCAG AA × Fail

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 4D3AAE Background



This preview shows how black text looks on a background with the Hex color 4D3AAE.

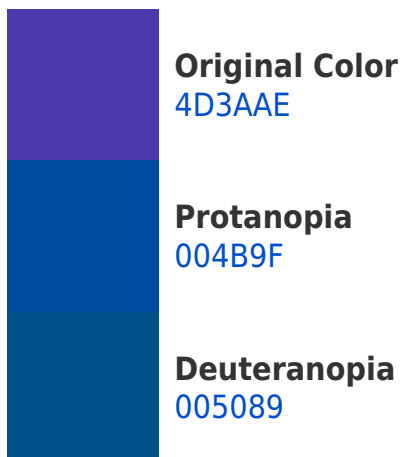


This preview shows how white text looks on a background with the Hex color 4D3AAE.

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
2E545B

Trichromacy



Original Color
4D3AAE

Protanomaly
1C45A4

Deuteranomaly
1C4896

Tritanomaly
394B79

Monochromacy



Original Color
4D3AAE

Achromatopsia
4D4D4D

Achromatomaly
4D4670

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3AAE 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 #4D3AAE looks like.

```
.text, #text, p{  
    color:#4D3AAE  
}
```

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 #4D3AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3AAE
}
```

Border

The CSS property to change the border of an element to Hex 4D3AAE 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
#4D3AAE }
```

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

```
.border{ border-color:#4D3AAE }
```

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

Here you see how a box with a 4 pixel #4D3AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3AAE; -webkit-box-shadow:4px 4px  
4px 4px #4D3AAE; box-shadow:4px 4px 4px  
4px #4D3AAE }
```

Background

The CSS property to change the background color of an element to Hex 4D3AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3AAE }
```

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

```
.background{ background-color:#4D3AAE }
```

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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