

Converting Colors

Hex(4A24A7)

Have a look what the booklet for
Hex(4A24A7) contains.

Hex(4A24A7)	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(4A24A7)

Conversions

Conversions Part 1

Format	Color
Hex	4A24A7
RGB	74, 36, 167
RGB Percent	29%, 14%, 65%
CMY	0.7098, 0.8588, 0.3451
CMYK	0.56, 0.78, 0.00, 0.35
HSL	257°, 65%, 40%
HSV	257°, 78%, 65%
XYZ	10.4300, 5.5076, 37.0726
YIQ	62.2960, -19.4030, 48.7970

Conversions

Conversions Part 2

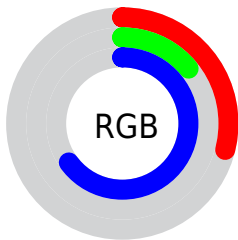
Format	Color
R _Y B	74, 36, 167
Decimal	4859047
CIE Lab	28.13, 49.14, -63.56
CIE LCh	28, 80.344, 307.709
Yxy	5.5076, 0.1968, 0.1039
Android (android.graphics.Color)	4283049127 (0xFF4A24A7)
YUV	62.2960, 51.6191, 10.2644
Hunter-Lab	23.4683, 38.2608, -77.2318

Details

The Hex color **4A24A7** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **81A724**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8456DF**, and **000072** is the 20% darker color. If you saturate the color by 10%, you get **3E13A7**, and if you desaturate by 10%, it is **5635A7**.

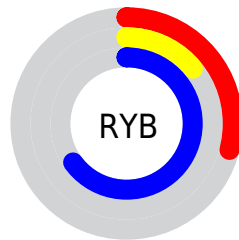
Distribution



Red (29%)

Green (14%)

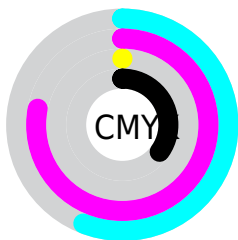
Blue (65%)



Red (29%)

Yellow (14%)

Blue (65%)

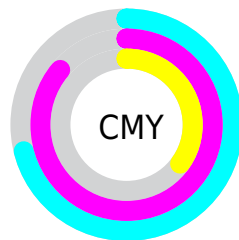


Cyan (56%)

Magenta (78%)

Yellow (0%)

Black (35%)



Cyan (71%)

Magenta (86%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A24A7 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 4A24A7 by changing the saturation by 10% instead.

4A24A7

4A24A7

FFFFFF

29088C

8456DF

000072

A16FFC

000058

BE8AFF

000740

DCA5FF

000329

FAC0FF

000113

FFDCFF

000000

FFF9FF

4A24A7

4A24A7

■ 3E13A7

■ 5635A7

■ 3203A7

■ 6245A7

■ 3000A7

■ 6E56A7

■ 7967A7

■ 8577A7

■ 9188A7

■ 9D99A7

■ A9AAA7

■ B5BAA7

Harmonies

Analogous

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



0048C1



4A24A7



920073

Triad

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



4A24A7



762B00



005852

Complementary

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



4A24A7



81A724

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.



00560A



4A24A7



444600

Square

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



4A24A7



990000



005100



00598E

Rectangle

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



4A24A7



A4004A



005100



00573C

Sweetspot

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



4A24A7



B4A5D9



2482A7



574E6E



EDEDED



6E6E6E

Same Dimension

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



4A24A7



480DD9



8B24A7



4E4C54



2B0094



060014

Inverse Universe

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



A72481



D90D9E



40A724



544C52



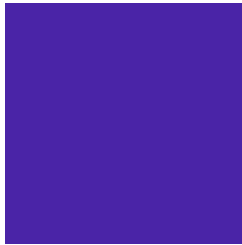
940069



14000E

Previews

White Background



This preview shows how the Hex color 4A24A7 looks on a white background.

Color Contrast Check

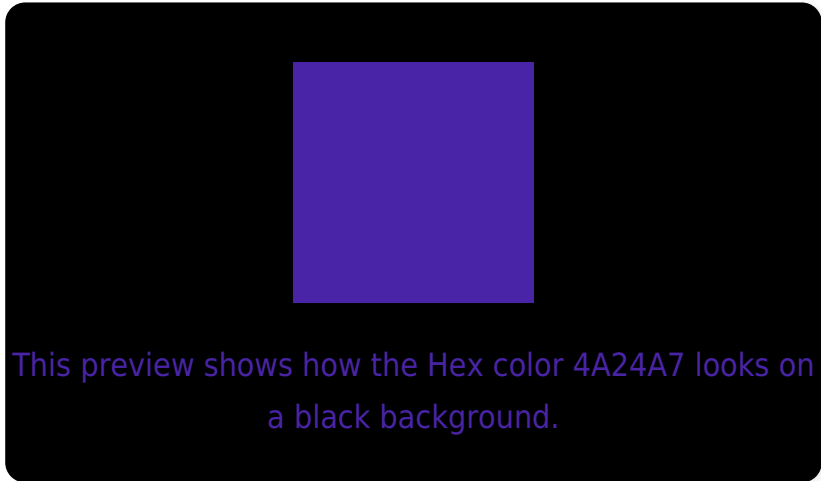
Large Text (above 18pt) WCAG AA ✓ Pass

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

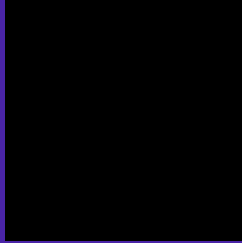
Any Text WCAG AA × Fail

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 4A24A7 Background



This preview shows how black text looks on a background with the Hex color 4A24A7.



This preview shows how white text looks on a background with the Hex color 4A24A7.

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](#).

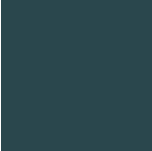
Dichromacy



Original Color
4A24A7

Protanopia
004188

Deuteranopia
004574



Tritanopia
2A474D

Trichromacy



Original Color
4A24A7

Protanomaly
1B3693

Deuteranomaly
1B3987

Tritanomaly
363A6E

Monochromacy



Original Color
4A24A7

Achromatopsia
3E3E3E

Achromatomaly
423564

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A24A7 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 #4A24A7 looks like.

```
.text, #text, p{  
    color:#4A24A7  
}
```

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 #4A24A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A24A7
}
```

Border

The CSS property to change the border of an element to Hex 4A24A7 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
#4A24A7 }
```

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

```
.border{ border-color:#4A24A7 }
```

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

Here you see how a box with a 4 pixel #4A24A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A24A7; -webkit-box-shadow:4px 4px  
4px 4px #4A24A7; box-shadow:4px 4px 4px  
4px #4A24A7 }
```

Background

The CSS property to change the background color of an element to Hex 4A24A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A24A7 }
```

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

```
.background{ background-color:#4A24A7 }
```

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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