

Converting Colors

Hex(4A2E8B)

Have a look what the booklet for
Hex(4A2E8B) contains.

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Color

Hex(4A2E8B)

Conversions

Conversions Part 1

Format	Color
Hex	4A2E8B
RGB	74, 46, 139
RGB Percent	29%, 18%, 55%
CMY	0.7098, 0.8196, 0.4549
CMYK	0.47, 0.67, 0.00, 0.45
HSL	258°, 50%, 36%
HSV	258°, 67%, 55%
XYZ	8.4612, 5.2739, 24.9981
YIQ	64.9740, -13.1650, 34.8590

Conversions

Conversions Part 2

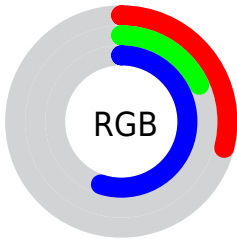
Format	Color
R_{YB}	74, 46, 139
Decimal	4861579
CIE _{Lab}	27.50, 35.75, -47.46
CIE _{LCh}	28, 59.420, 306.988
Yxy	5.2739, 0.2184, 0.1362
Android (android.graphics.Color)	4283051659 (0xFF4A2E8B)
YUV	64.9740, 36.4948, 7.9158
Hunter-Lab	22.9650, 25.5778, -48.4635

Details

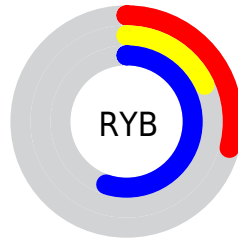
The Hex color **4A2E8B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6F8B2E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **805EC1**, and **0E0258** is the 20% darker color. If you saturate the color by 10%, you get **40208B**, and if you desaturate by 10%, it is **543C8B**.

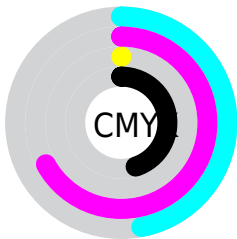
Distribution



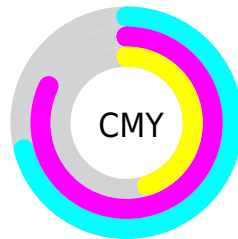
- Red (29%)
- Green (18%)
- Blue (55%)



- Red (29%)
- Yellow (18%)
- Blue (55%)



- Cyan (47%)
- Magenta (67%)
- Yellow (0%)
- Black (45%)



- Cyan (71%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A2E8B 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 4A2E8B by changing the saturation by 10% instead.

■ 4A2E8B

■ 4A2E8B

FFFFFF

■ 2F1771

■ 805EC1

■ 0E0258

■ 9C77DE

■ 000040

■ B891FA

■ 000329

■ D4ACFF

■ 000113

■ F1C7FF

■ 000000

■ FFE4FF

■ 4A2E8B

■ 4A2E8B

■ 40208B

■ 543C8B

■ 37128B

■ 5D4A8B

■ 2D048B

■ 67588B

■ 2A008B

■ 71668B

■ 7B738B

■ 84818B

■ 8E8F8B

■ 989D8B

■ A1AB8B

Harmonies

Analogous

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



00449D



4A2E8B



7D0066

Triad

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



4A2E8B



6C3000



00534B

Complementary

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



4A2E8B



6F8B2E

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.



00511A



4A2E8B



474300

Square

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



4A2E8B



850C0B



104C00



005377

Rectangle

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



4A2E8B



8B0048



104C00



00533B

Sweetspot

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



4A2E8B



9C91B5



2E6F8B



4C465C



DBDBDB



5C5C5C

Same Dimension

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



4A2E8B



5024B5



782E8B



403E45



280085



020005

Inverse Universe

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



8B2E6F



B52489



418B2E



453E43



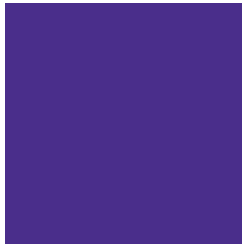
85005D



050004

Previews

White Background



This preview shows how the Hex color 4A2E8B looks on a white background.

Color Contrast Check

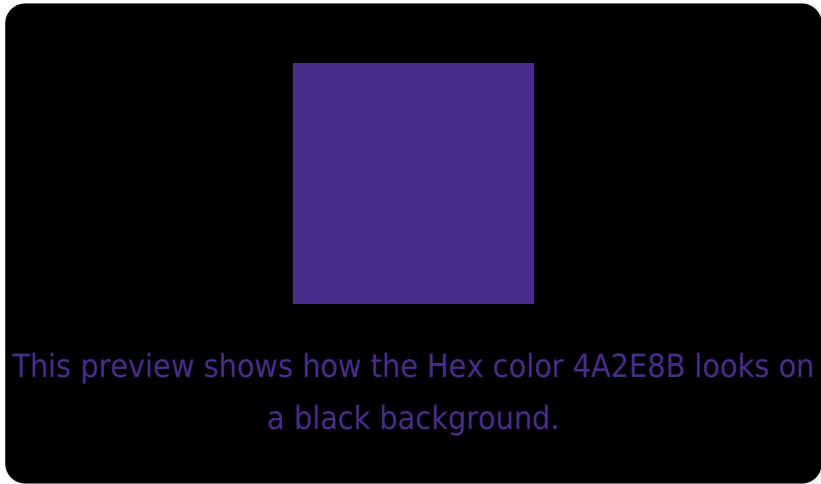
Large Text (above 18pt) WCAG AA ✓ Pass

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

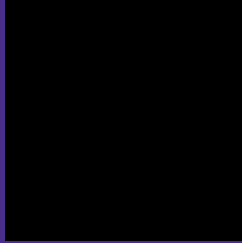
Any Text WCAG AA × Fail

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 4A2E8B Background



This preview shows how black text looks on a background with the Hex color 4A2E8B.



This preview shows how white text looks on a background with the Hex color 4A2E8B.

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
4A2E8B

Protanopia
003F85

Deuteranopia
004373



Tritanopia
384348

Trichromacy



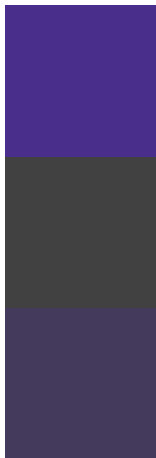
Original Color
4A2E8B

Protanomaly
1B3987

Deuteranomaly
1B3B7C

Tritanomaly
3F3B60

Monochromacy



Original Color
4A2E8B

Achromatopsia
414141

Achromatomaly
443A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A2E8B 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 #4A2E8B looks like.

```
.text, #text, p{  
    color:#4A2E8B  
}
```

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 #4A2E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A2E8B
}
```

Border

The CSS property to change the border of an element to Hex 4A2E8B 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
#4A2E8B }
```

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

```
.border{ border-color:#4A2E8B }
```

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

Here you see how a box with a 4 pixel #4A2E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A2E8B; -webkit-box-shadow:4px 4px  
4px 4px #4A2E8B; box-shadow:4px 4px 4px  
4px #4A2E8B }
```

Background

The CSS property to change the background color of an element to Hex 4A2E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A2E8B }
```

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

```
.background{ background-color:#4A2E8B }
```

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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