

Converting Colors

Hex(4A308F)

Have a look what the booklet for
Hex(4A308F) contains.

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Color

Hex(4A308F)

Conversions

Conversions Part 1

Format	Color
Hex	4A308F
RGB	74, 48, 143
RGB Percent	29%, 19%, 56%
CMY	0.7098, 0.8118, 0.4392
CMYK	0.48, 0.66, 0.00, 0.44
HSL	256°, 50%, 37%
HSV	256°, 66%, 56%
XYZ	8.8389, 5.5529, 26.5926
YIQ	66.6040, -14.9990, 35.0570

Conversions

Conversions Part 2

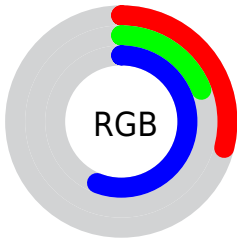
Format	Color
R_{YB}	74, 48, 143
Decimal	4862095
CIE Lab	28.26, 35.77, -48.71
CIE LCh	28, 60.438, 306.292
Yxy	5.5529, 0.2157, 0.1355
Android (android.graphics.Color)	4283052175 (0xFF4A308F)
YUV	66.6040, 37.6632, 6.4863
Hunter-Lab	23.5646, 25.7159, -50.4132

Details

The Hex color **4A308F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **758F30**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8060C6**, and **0C035C** is the 20% darker color. If you saturate the color by 10%, you get **40228F**, and if you desaturate by 10%, it is **543E8F**.

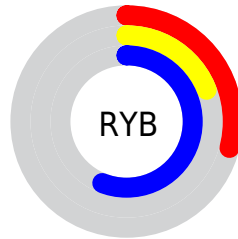
Distribution



 Red (29%)

 Green (19%)

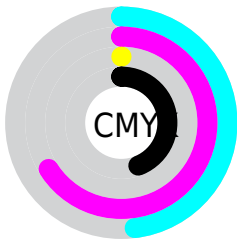
 Blue (56%)




 Red (29%)

 Yellow (19%)

 Blue (56%)

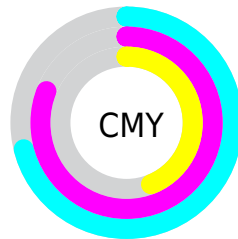


 Cyan (48%)

 Magenta (66%)

 Yellow (0%)

 Black (44%)



 Cyan (71%)

 Magenta (81%)

 Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A308F 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 4A308F by changing the saturation by 10% instead.

■ 4A308F

■ 4A308F

FFFFFF

■ 2E1975

■ 8060C6

■ 0C035C

■ 9C79E2

■ 000044

■ B893FF

■ 00032C

■ D5AEFF

■ 000117

■ F2CAFF

■ 000000

■ FFE6FF

■ 4A308F

■ 4A308F

■ 40228F

■ 543E8F

■ 35138F

■ 5F4D8F

■ 2B058F

■ 695B8F

■ 27008F

■ 74698F

■ 7E788F

■ 88868F

■ 93948F

■ 9DA28F

■ A7B18F

Harmonies

Analogous

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



0046A1



4A308F



7F0069

Triad

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



4A308F



6F3100



00554C

Complementary

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



4A308F



758F30

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.



005319



4A308F



4A4400

Square

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



4A308F



890B0D



134E00



005579

Rectangle

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



4A308F



8E004B



134E00



00553B

Sweetspot

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



4A308F



9F95BA



30768F



4E485E



DEDEDE



5E5E5E

Same Dimension

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



4A308F



4E25BA



79308F



424047



250087



020008

Inverse Universe

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



8F3075



BA2591



468F30



474045



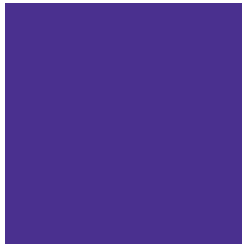
870062



080006

Previews

White Background



This preview shows how the Hex color 4A308F looks on a white background.

Color Contrast Check

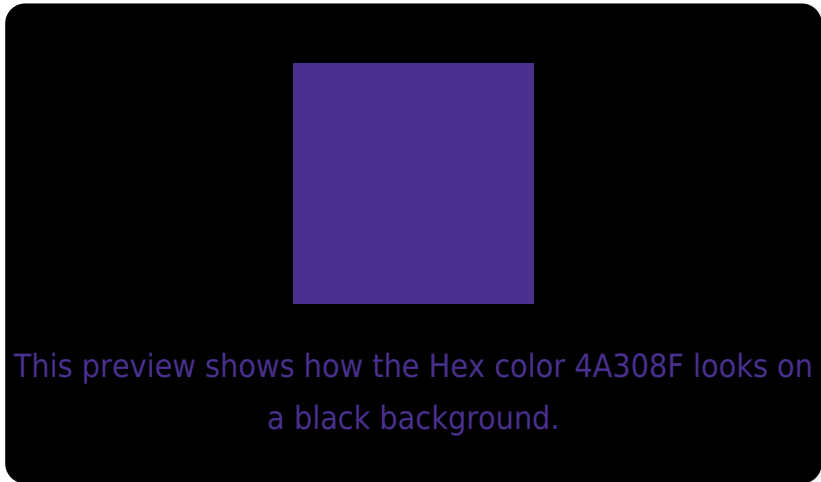
Large Text (above 18pt) WCAG AA ✓ Pass

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

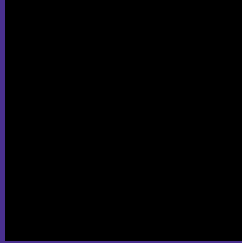
Any Text WCAG AA × Fail

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 4A308F Background



This preview shows how black text looks on a background with the Hex color 4A308F.



This preview shows how white text looks on a background with the Hex color 4A308F.

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
4A308F

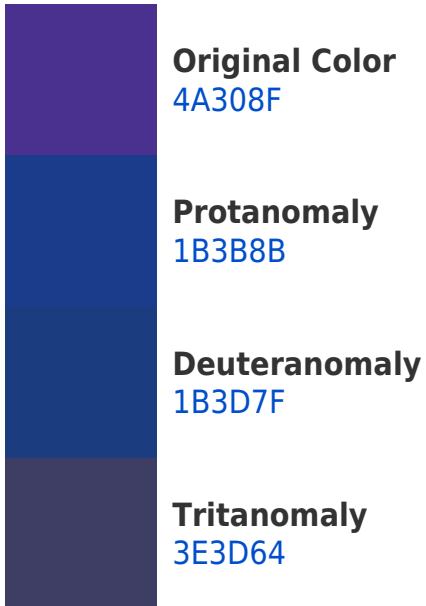
Protanopia
004189

Deuteranopia
004576

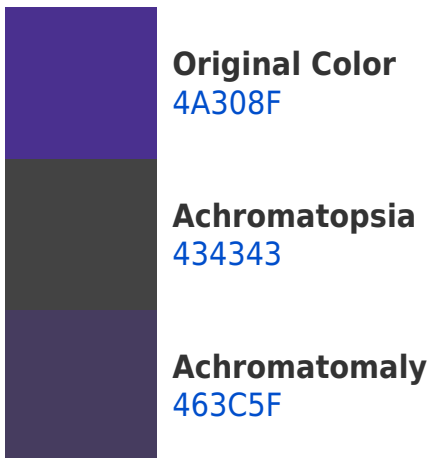


Tritanopia
37454B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A308F 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 #4A308F looks like.

```
.text, #text, p{  
    color:#4A308F  
}
```

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 #4A308F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A308F
}
```

Border

The CSS property to change the border of an element to Hex 4A308F 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
#4A308F }
```

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

```
.border{ border-color:#4A308F }
```

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

Here you see how a box with a 4 pixel #4A308F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A308F; -webkit-box-shadow:4px 4px  
4px 4px #4A308F; box-shadow:4px 4px 4px  
4px #4A308F }
```

Background

The CSS property to change the background color of an element to Hex 4A308F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A308F }
```

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

```
.background{ background-color:#4A308F }
```

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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