

Converting Colors

Hex(4A228D)

Have a look what the booklet for
Hex(4A228D) contains.

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Color

Hex(4A228D)

Conversions

Conversions Part 1

Format	Color
Hex	4A228D
RGB	74, 34, 141
RGB Percent	29%, 13%, 55%
CMY	0.7098, 0.8667, 0.4471
CMYK	0.48, 0.76, 0.00, 0.45
HSL	262°, 61%, 34%
HSV	262°, 76%, 55%
XYZ	8.2038, 4.5230, 25.6399
YIQ	58.1580, -10.5070, 41.7570

Conversions

Conversions Part 2

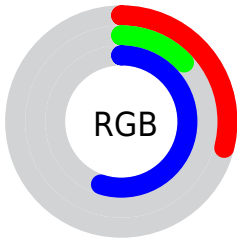
Format	Color
R_{YB}	74, 34, 141
Decimal	4858509
CIE _{Lab}	25.33, 42.82, -52.25
CIE _{LCh}	25, 67.552, 309.338
Yxy	4.5230, 0.2138, 0.1179
Android (android.graphics.Color)	4283048589 (0xFF4A228D)
YUV	58.1580, 40.8411, 13.8934
Hunter-Lab	21.2673, 31.6379, -56.5931

Details

The Hex color **4A228D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **658D22**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8153C4**, and **0B005A** is the 20% darker color. If you saturate the color by 10%, you get **41148D**, and if you desaturate by 10%, it is **53308D**.

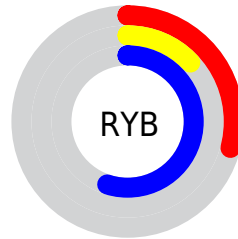
Distribution



Red (29%)

Green (13%)

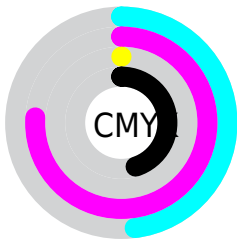
Blue (55%)



Red (29%)

Yellow (13%)

Blue (55%)

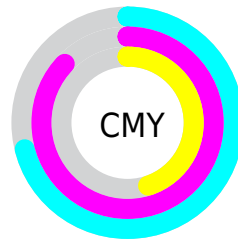


Cyan (48%)

Magenta (76%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (87%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A228D 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 4A228D by changing the saturation by 10% instead.

■ 4A228D

■ 4A228D

FFFFFF

■ 2E0873

■ 8153C4

■ 0B005A

■ 9D6CE0

■ 000041

■ B986FD

■ 00032A

■ D6A1FF

■ 000114

■ F3BCFF

■ 000000

■ FFD8FF

■ FFF5FF

■ 4A228D

■ 4A228D

■ 41148D

■ 53308D

■ 38068D

■ 5C3E8D

■ 35008D

■ 644C8D

■ 6D5A8D

■ 76698D

■ 7F778D

■ 88858D

■ 91938D

■ 99A18D

Harmonies

Analogous

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



003FA4



4A228D



810061

Triad

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



4A228D



662B00



004F4C

Complementary

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



4A228D



658D22

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.



004D14



4A228D



3C3F00

Square

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



4A228D



840000



004900



004F7D

Rectangle

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



4A228D



8E0040



004900



004E3A

Sweetspot

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



4A228D



9D8DB8



22668D



4C425C



DBDBDB



5C5C5C

Same Dimension

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



4A228D



4F11B8



7F228D



434047



330087



030008

Inverse Universe

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



8D2265



B81179



308D22



474045



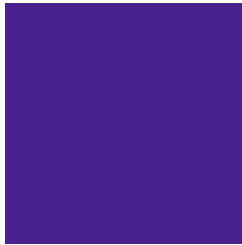
870055



080005

Previews

White Background



This preview shows how the Hex color 4A228D looks on a white background.

Color Contrast Check

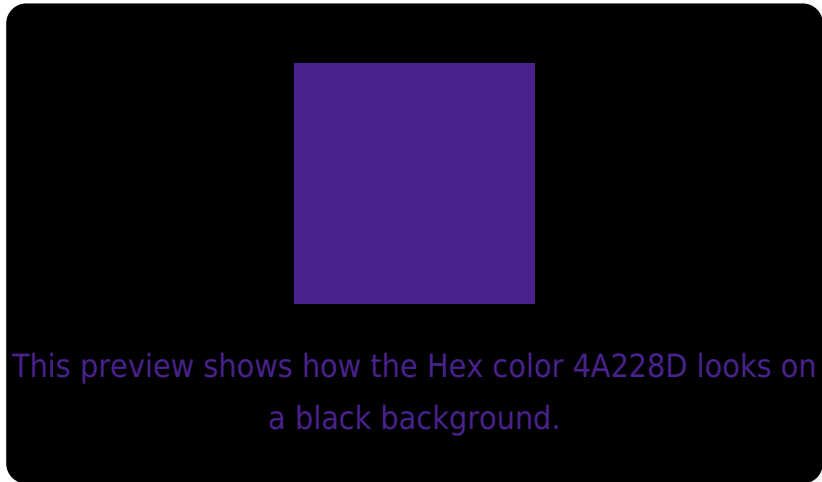
Large Text (above 18pt) WCAG AA ✓ Pass

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

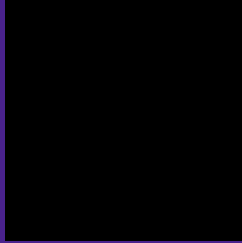
Any Text WCAG AA × Fail

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 4A228D Background



This preview shows how black text looks on a background with the Hex color 4A228D.

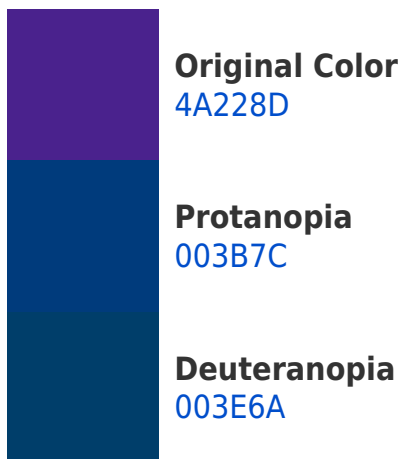


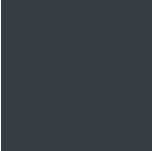
This preview shows how white text looks on a background with the Hex color 4A228D.

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](#).

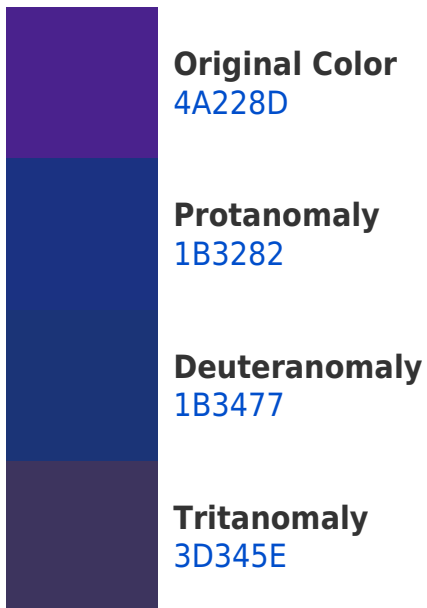
Dichromacy



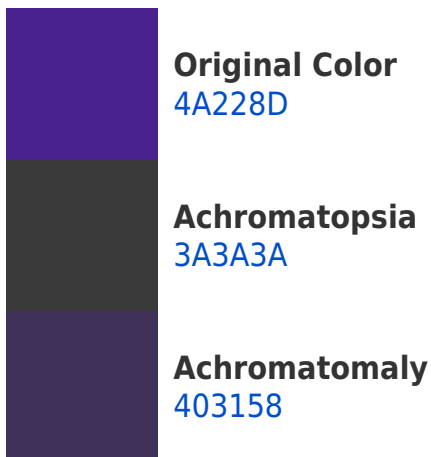


Tritanopia
363E43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A228D 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 #4A228D looks like.

```
.text, #text, p{  
    color:#4A228D  
}
```

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 #4A228D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A228D
}
```

Border

The CSS property to change the border of an element to Hex 4A228D 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
#4A228D }
```

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

```
.border{ border-color:#4A228D }
```

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

Here you see how a box with a 4 pixel #4A228D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A228D; -webkit-box-shadow:4px 4px  
4px 4px #4A228D; box-shadow:4px 4px 4px  
4px #4A228D }
```

Background

The CSS property to change the background color of an element to Hex 4A228D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A228D }
```

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

```
.background{ background-color:#4A228D }
```

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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