

Converting Colors

Hex(4A178C)

Have a look what the booklet for
Hex(4A178C) contains.

Hex(4A178C)	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(4A178C)

Conversions

Conversions Part 1

Format	Color
Hex	4A178C
RGB	74, 23, 140
RGB Percent	29%, 9%, 55%
CMY	0.7098, 0.9098, 0.4510
CMYK	0.47, 0.84, 0.00, 0.45
HSL	266°, 72%, 32%
HSV	266°, 84%, 55%
XYZ	7.8641, 3.9621, 25.1612
YIQ	51.5870, -7.1610, 47.1990

Conversions

Conversions Part 2

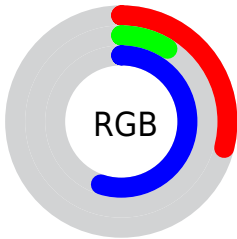
Format	Color
R_{YB}	74, 23, 140
Decimal	4855692
CIE _{Lab}	23.55, 47.42, -54.55
CIE _{LCh}	24, 72.278, 311.000
Yxy	3.9621, 0.2126, 0.1071
Android (android.graphics.Color)	4283045772 (0xFF4A178C)
YUV	51.5870, 43.5876, 19.6562
Hunter-Lab	19.9050, 35.6880, -61.0130

Details

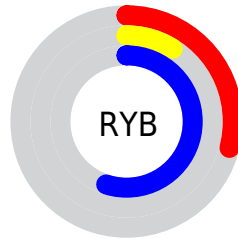
The Hex color **4A178C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **598C17**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **814AC3**, and **0C0059** is the 20% darker color. If you saturate the color by 10%, you get **42098C**, and if you desaturate by 10%, it is **52258C**.

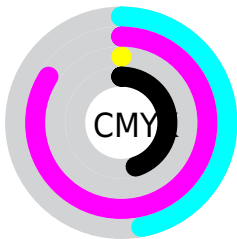
Distribution



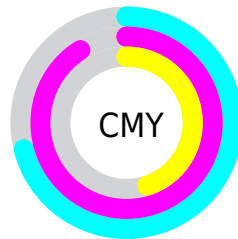
- Red (29%)
- Green (9%)
- Blue (55%)



- Red (29%)
- Yellow (9%)
- Blue (55%)



- Cyan (47%)
- Magenta (84%)
- Yellow (0%)
- Black (45%)



- Cyan (71%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A178C 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 4A178C by changing the saturation by 10% instead.

■ 4A178C

■ 4A178C

FFFFFF

■ 2D0072

■ 814AC3

■ 0C0059

■ 9E63DF

■ 000040

■ BA7DFC

■ 000329

■ D798FF

■ 000113

■ F5B4FF

■ 000000

■ FFD0FF

■ FFECFF

■ 4A178C

■ 4A178C

■ 42098C

■ 52258C

■ 3D008C

■ 5A338C

■ 62418C

■ 6A4F8C

■ 715D8C

■ 796B8C

■ 81798C

■ 89878C

■ 91958C

Harmonies

Analogous

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



003BA6



4A178C



82005D

Triad

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



4A178C



612700



004B4C

Complementary

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



4A178C



598C17

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.



004910



4A178C



343D00

Square

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



4A178C



810000



004600



004C80

Rectangle

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



4A178C



8E0039



004600



004A39

Sweetspot

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



4A178C



9C88B5



17598C



4C405C



DBDBDB



5C5C5C

Same Dimension

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



4A178C



4F00B5



84178C



413E45



3A0085



020005

Inverse Universe

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



8C1759



B50066



1F8C17



453E42



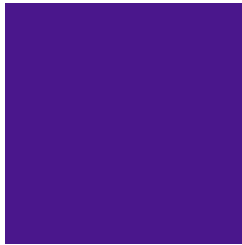
85004B



050003

Previews

White Background



This preview shows how the Hex color 4A178C looks on a white background.

Color Contrast Check

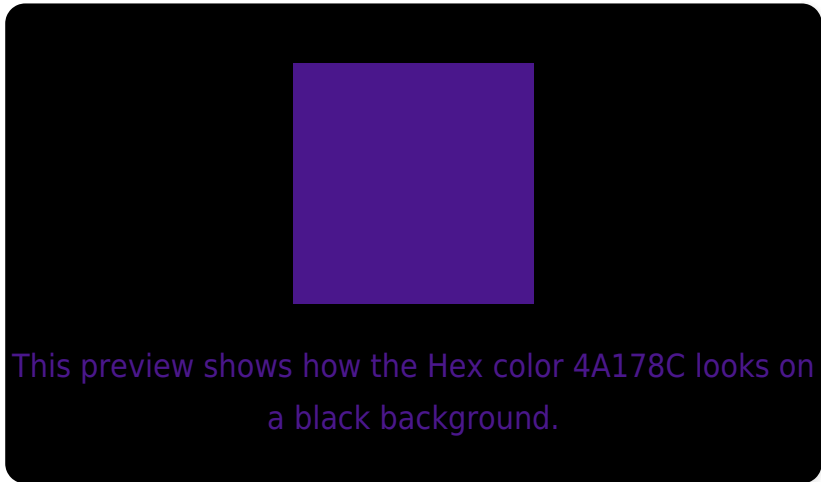
Large Text (above 18pt) WCAG AA ✓ Pass

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

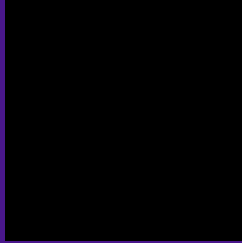
Any Text WCAG AA × Fail

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 4A178C Background



This preview shows how black text looks on a background with the Hex color 4A178C.



This preview shows how white text looks on a background with the Hex color 4A178C.

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
4A178C

Protanopia
003774

Deuteranopia
003B64



Tritanopia
363A3E

Trichromacy



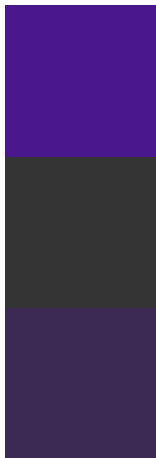
Original Color
4A178C

Protanomaly
1B2B7D

Deuteranomaly
1B2E73

Tritanomaly
3D2D5A

Monochromacy



Original Color
4A178C

Achromatopsia
343434

Achromatomaly
3C2954

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A178C 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 #4A178C looks like.

```
.text, #text, p{  
    color:#4A178C  
}
```

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 #4A178C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A178C
}
```

Border

The CSS property to change the border of an element to Hex 4A178C is called "border". The border property can be set on classes, ids or directly on the HTML element.

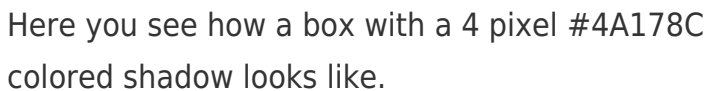
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A178C }
```

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

```
.border{ border-color:#4A178C }
```

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



Here you see how a box with a 4 pixel #4A178C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A178C; -webkit-box-shadow:4px 4px  
4px 4px #4A178C; box-shadow:4px 4px 4px  
4px #4A178C }
```

Background

The CSS property to change the background color of an element to Hex 4A178C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A178C }
```

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

```
.background{ background-color:#4A178C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor