

Converting Colors

Hex(4C378F)

Have a look what the booklet for
Hex(4C378F) contains.

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Color

Hex(4C378F)

Conversions

Conversions Part 1

Format	Color
Hex	4C378F
RGB	76, 55, 143
RGB Percent	30%, 22%, 56%
CMY	0.7020, 0.7843, 0.4392
CMYK	0.47, 0.62, 0.00, 0.44
HSL	254°, 44%, 39%
HSV	254°, 62%, 56%
XYZ	9.3046, 6.2520, 26.7030
YIQ	71.3110, -15.7320, 31.8200

Conversions

Conversions Part 2

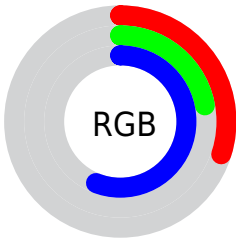
Format	Color
R_{YB}	76, 55, 143
Decimal	4994959
CIE _{Lab}	30.04, 31.99, -45.81
CIE _{LCh}	30, 55.875, 304.930
Yxy	6.2520, 0.2202, 0.1479
Android (android.graphics.Color)	4283185039 (0xFF4C378F)
YUV	71.3110, 35.3427, 4.1123
Hunter-Lab	25.0041, 22.6668, -45.8155

Details

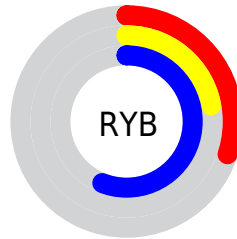
The Hex color **4C378F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7A8F37**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8267C5**, and **120B5C** is the 20% darker color. If you saturate the color by 10%, you get **41298F**, and if you desaturate by 10%, it is **57458F**.

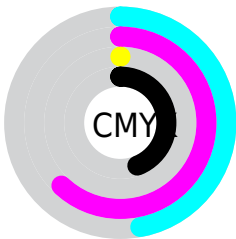
Distribution



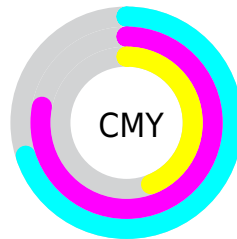
- Red (30%)
- Green (22%)
- Blue (56%)



- Red (30%)
- Yellow (22%)
- Blue (56%)



- Cyan (47%)
- Magenta (62%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C378F 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 4C378F by changing the saturation by 10% instead.

■ 4C378F

■ 4C378F

FFFFFF

■ 312175

■ 8267C5

■ 120B5C

■ 9D80E2

■ 000044

■ B99AFF

■ 00032C

■ D6B5FF

■ 000117

■ F3D1FF

■ 000000

■ FFEEFF

■ 4C378F

■ 4C378F

■ 41298F

■ 57458F

■ 361A8F

■ 62548F

■ 2B0C8F

■ 6D628F

■ 22008F

■ 78708F

■ 827F8F

■ 8D8D8F

■ 989B8F

■ A3A98F

■ AEB88F

Harmonies

Analogous

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



004A9F



4C378F



7E196C

Triad

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



4C378F



743600



00594D

Complementary

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



4C378F



7A8F37

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.



00571F



4C378F



514700

Square

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



4C378F



8A1A17



215200



005978

Rectangle

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



4C378F



8D0050



215200



00583E

Sweetspot

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



4C378F



A199BA



377A8F



4F4A5E



DEDEDE



5E5E5E

Same Dimension

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



4C378F



5130BA



78378F



424047



200087



020008

Inverse Universe

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



8F377A



BA3099



4E8F37



474046



870067



080006

Previews

White Background



This preview shows how the Hex color 4C378F looks on a white background.

Color Contrast Check

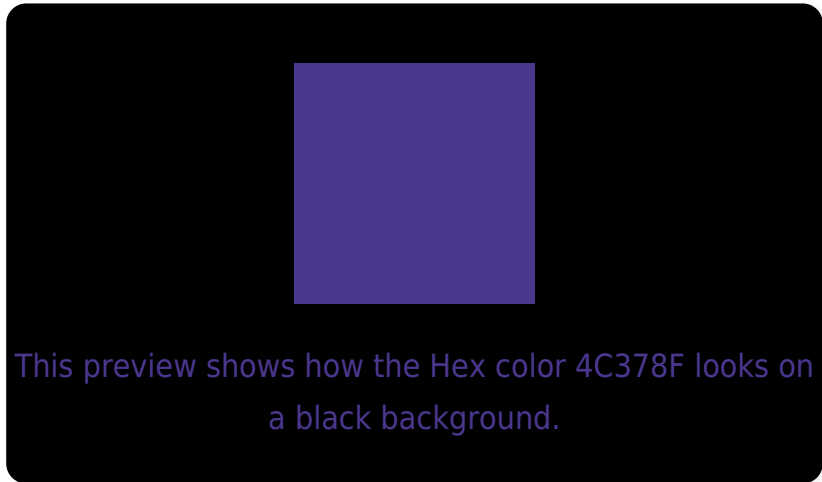
Large Text (above 18pt) WCAG AA ✓ Pass

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

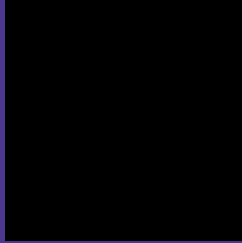
Any Text WCAG AA × Fail

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 4C378F Background



This preview shows how black text looks on a background with the Hex color 4C378F.

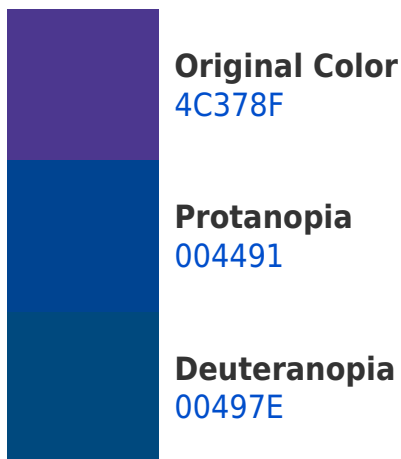


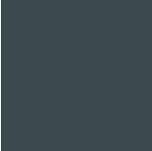
This preview shows how white text looks on a background with the Hex color 4C378F.

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
3B494F

Trichromacy



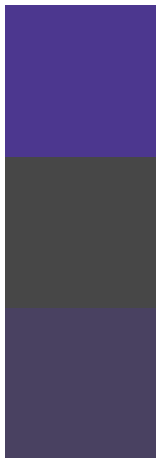
Original Color
4C378F

Protanomaly
1C3F90

Deuteranomaly
1C4284

Tritanomaly
414266

Monochromacy



Original Color
4C378F

Achromatopsia
474747

Achromatomaly
494161

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C378F 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 #4C378F looks like.

```
.text, #text, p{  
    color:#4C378F  
}
```

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 #4C378F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C378F
}
```

Border

The CSS property to change the border of an element to Hex 4C378F 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
#4C378F }
```

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

```
.border{ border-color:#4C378F }
```

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

Here you see how a box with a 4 pixel #4C378F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C378F; -webkit-box-shadow:4px 4px  
4px 4px #4C378F; box-shadow:4px 4px 4px  
4px #4C378F }
```

Background

The CSS property to change the background color of an element to Hex 4C378F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C378F }
```

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

```
.background{ background-color:#4C378F }
```

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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