

Converting Colors

Hex(4D449F)

Have a look what the booklet for
Hex(4D449F) contains.

Hex(4D449F)	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>	28

Color

Hex(4D449F)

Conversions

Conversions Part 1

Format	Color
Hex	4D449F
RGB	77, 68, 159
RGB Percent	30%, 27%, 62%
CMY	0.6980, 0.7333, 0.3765
CMYK	0.52, 0.57, 0.00, 0.38
HSL	246°, 40%, 45%
HSV	246°, 57%, 62%
XYZ	11.3857, 8.2152, 33.7865
YIQ	81.0650, -23.8470, 30.2090

Conversions

Conversions Part 2

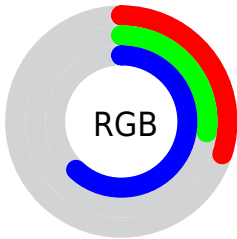
Format	Color
R_{YB}	77, 68, 159
Decimal	5063839
CIE _{Lab}	34.43, 29.12, -48.46
CIE _{LCh}	34, 56.534, 301.002
Yxy	8.2152, 0.2133, 0.1539
Android (android.graphics.Color)	4283253919 (0xFF4D449F)
YUV	81.0650, 38.4220, -3.5650
Hunter-Lab	28.6622, 20.7479, -49.8264

Details

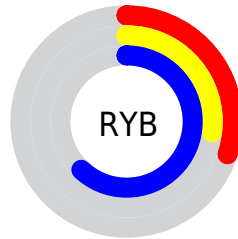
The Hex color **4D449F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **969F44**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8474D6**, and **0D186B** is the 20% darker color. If you saturate the color by 10%, you get **3F349F**, and if you desaturate by 10%, it is **5B549F**.

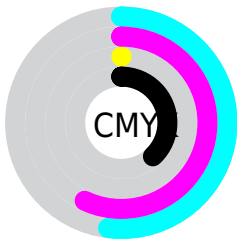
Distribution



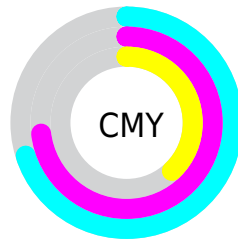
- Red (30%)
- Green (27%)
- Blue (62%)



- Red (30%)
- Yellow (27%)
- Blue (62%)



- Cyan (52%)
- Magenta (57%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (73%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D449F 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 4D449F by changing the saturation by 10% instead.



4D449F



4D449F

FFFFFF



312D84



8474D6



0D186B



A08EF3



000252



BCA9FF



00013A



D9C4FF



000223



F6E0FF



00000B



FFFDFF



000000



4D449F



4D449F



3F349F



5B549F

■ 30249F

■ 6A649F

■ 22149F

■ 78749F

■ 14049F

■ 86849F

■ 10009F

■ 95949F

■ A3A39F

■ B1B39F

■ C0C39F

■ CED39F

Harmonies

Analogous

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



0056AC



4D449F



86297D

Triad

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



4D449F



843D00



006451

Complementary

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



4D449F



969F44

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.



006122



4D449F



625000

Square

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



4D449F



9A2326



345B00



00647E

Rectangle

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



4D449F



991761



345B00



006341

Sweetspot

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



4D449F



AFABCF



44979F



565469



E8E8E8



696969

Same Dimension

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



4D449F



4E40CF



79449F



48474F



0E008F



02000F

Inverse Universe

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



9F4496



CF40C0



6A9F44



4F474E



8F0081



0F000E

Previews

White Background



This preview shows how the Hex color 4D449F looks on a white background.

Color Contrast Check

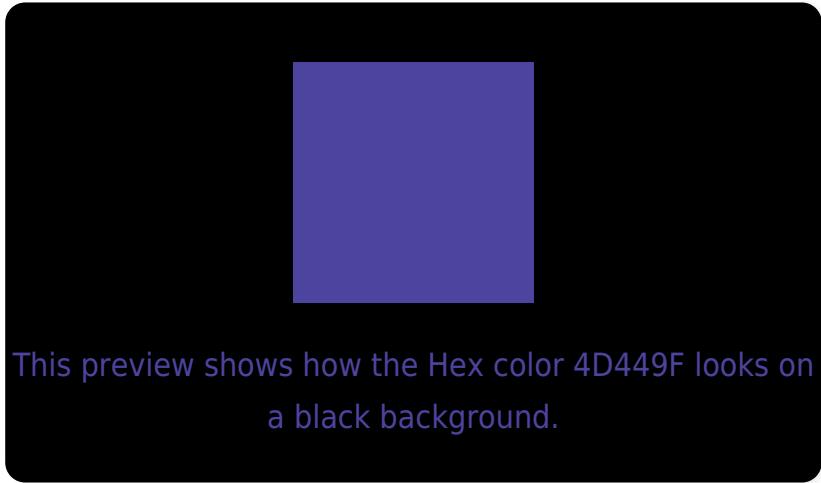
Large Text (above 18pt) WCAG AA ✓ Pass

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

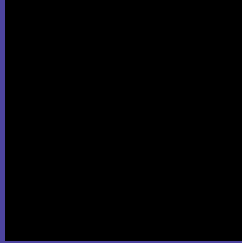
Any Text WCAG AA × Fail

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 4D449F Background



This preview shows how black text looks on a background with the Hex color 4D449F.

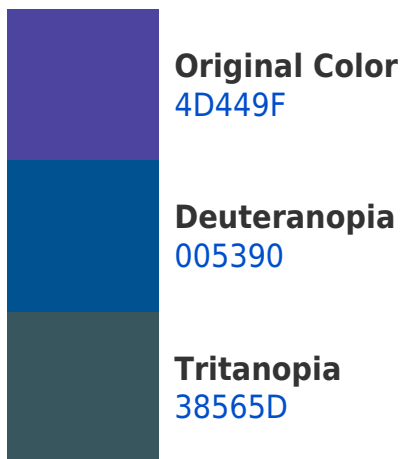


This preview shows how white text looks on a background with the Hex color 4D449F.

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



Trichromacy



Original Color
4D449F

Deuteranomaly
1C4E95

Tritanomaly
404F75

Monochromacy



Original Color
4D449F

Achromatopsia
515151

Achromatomaly
504C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D449F 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 #4D449F looks like.

```
.text, #text, p{  
    color:#4D449F  
}
```

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 #4D449F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D449F
}
```

Border

The CSS property to change the border of an element to Hex 4D449F 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
#4D449F }
```

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

```
.border{ border-color:#4D449F }
```

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

Here you see how a box with a 4 pixel #4D449F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D449F; -webkit-box-shadow:4px 4px  
4px 4px #4D449F; box-shadow:4px 4px 4px  
4px #4D449F }
```

Background

The CSS property to change the background color of an element to Hex 4D449F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D449F }
```

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

```
.background{ background-color:#4D449F }
```

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