

Converting Colors

Hex(4D419F)

Have a look what the booklet for
Hex(4D419F) contains.

Hex(4D419F)	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(4D419F)

Conversions

Conversions Part 1

Format	Color
Hex	4D419F
RGB	77, 65, 159
RGB Percent	30%, 25%, 62%
CMY	0.6980, 0.7451, 0.3765
CMYK	0.52, 0.59, 0.00, 0.38
HSL	248°, 42%, 44%
HSV	248°, 59%, 62%
XYZ	11.2089, 7.8616, 33.7276
YIQ	79.3040, -23.0220, 31.7780

Conversions

Conversions Part 2

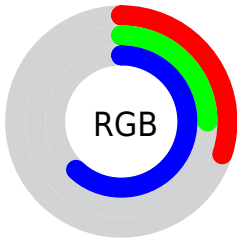
Format	Color
R_{YB}	77, 65, 159
Decimal	5063071
CIE _{Lab}	33.69, 31.00, -49.65
CIE _{LCh}	34, 58.530, 301.983
Yxy	7.8616, 0.2123, 0.1489
Android (android.graphics.Color)	4283253151 (0xFF4D419F)
YUV	79.3040, 39.2901, -2.0206
Hunter-Lab	28.0385, 22.2911, -51.6931

Details

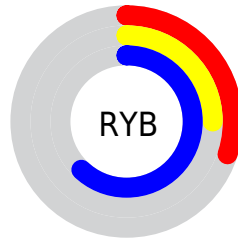
The Hex color **4D419F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **939F41**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8471D6**, and **0C156B** is the 20% darker color. If you saturate the color by 10%, you get **3F319F**, and if you desaturate by 10%, it is **5B519F**.

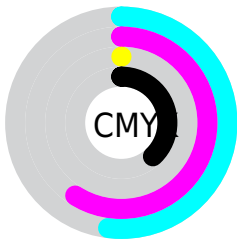
Distribution



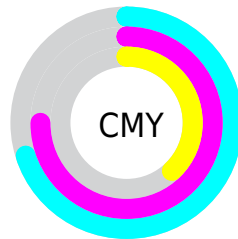
- Red (30%)
- Green (25%)
- Blue (62%)



- Red (30%)
- Yellow (25%)
- Blue (62%)



- Cyan (52%)
- Magenta (59%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (75%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D419F 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 4D419F by changing the saturation by 10% instead.



4D419F



4D419F

FFFFFF



302A84



8471D6



0C156B



A08BF3



000052



BCA5FF



00023A



D9C1FF



000223



F7DDFF



00000A



FFF9FF



000000



4D419F



4D419F



3F319F



5B519F

■ 31219F

■ 69619F

■ 23119F

■ 77719F

■ 16019F

■ 84819F

■ 14009F

■ 92919F

■ A0A09F

■ AEB09F

■ BCC09F

■ CAD09F

Harmonies

Analogous

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



0055AD



4D419F



87237C

Triad

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



4D419F



823B00



006351

Complementary

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



4D419F



939F41

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.



006020



4D419F



5F4E00

Square

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



4D419F



991E21



2E5A00



006380

Rectangle

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



4D419F



990C5E



2E5A00



006241

Sweetspot

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



4D419F



AEA9CF



41949F



545269



E8E8E8



696969

Same Dimension

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



4D419F



4F3CCF



7B419F



48474F



12008F



02000F

Inverse Universe

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



9F4193



CF3CBC



659F41



4F474E



8F007D



0F000D

Previews

White Background



This preview shows how the Hex color 4D419F looks on a white background.

Color Contrast Check

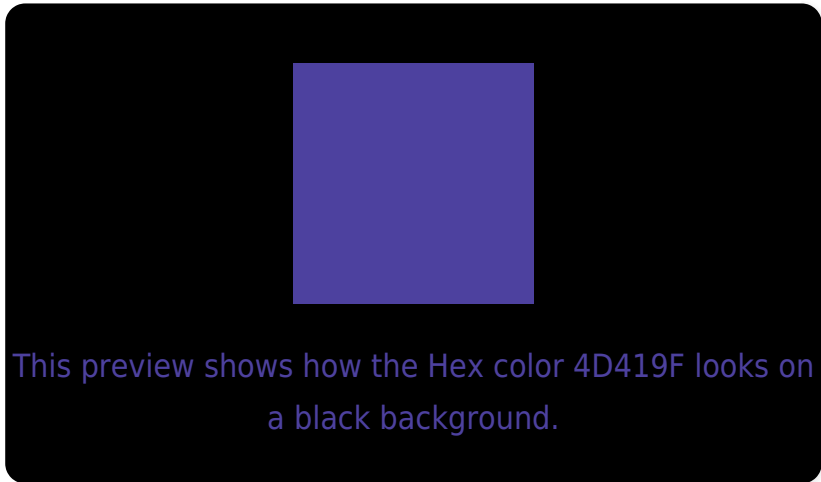
Large Text (above 18pt) WCAG AA ✓ Pass

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

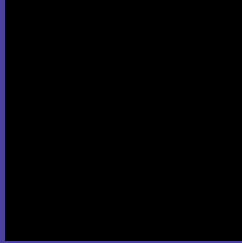
Any Text WCAG AA × Fail

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 4D419F Background



This preview shows how black text looks on a background with the Hex color 4D419F.



This preview shows how white text looks on a background with the Hex color 4D419F.

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
4D419F

Protanopia
004CA2

Deuteranopia
00518D



Tritanopia
37545B

Trichromacy



Original Color
4D419F

Protanomaly
1C48A1

Deuteranomaly
1C4B94

Tritanomaly
3F4D74

Monochromacy



Original Color
4D419F

Achromatopsia
4F4F4F

Achromatomaly
4E4A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D419F 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 #4D419F looks like.

```
.text, #text, p{  
    color:#4D419F  
}
```

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 #4D419F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D419F
}
```

Border

The CSS property to change the border of an element to Hex 4D419F 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
#4D419F }
```

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

```
.border{ border-color:#4D419F }
```

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

Here you see how a box with a 4 pixel #4D419F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D419F; -webkit-box-shadow:4px 4px  
4px 4px #4D419F; box-shadow:4px 4px 4px  
4px #4D419F }
```

Background

The CSS property to change the background color of an element to Hex 4D419F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D419F }
```

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

```
.background{ background-color:#4D419F }
```

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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