

Converting Colors

Hex(4D089F)

Have a look what the booklet for
Hex(4D089F) contains.

| | |
|--|----|
| Hex(4D089F) | 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(4D089F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4D089F |
| RGB | 77, 8, 159 |
| RGB Percent | 30%, 3%, 62% |
| CMY | 0.6980, 0.9686, 0.3765 |
| CMYK | 0.52, 0.95, 0.00, 0.38 |
| HSL | 267°, 90%, 33% |
| HSV | 267°, 95%, 62% |
| XYZ | 9.4054, 4.2546, 33.1264 |
| YIQ | 45.8450, -7.3470, 61.5890 |

Conversions

Conversions Part 2

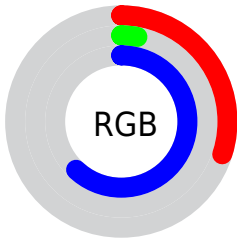
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 77, 8, 159 |
| Decimal | 5048479 |
| CIELab | 24.50, 56.72, -64.69 |
| CIElCh | 24, 86.035, 311.241 |
| Yxy | 4.2546, 0.2010, 0.0909 |
| Android (android.graphics.Color) | 4283238559 (0xFF4D089F) |
| YUV | 45.8450, 55.7854, 27.3229 |
| Hunter-Lab | 20.6268, 45.2955, -80.7803 |

Details

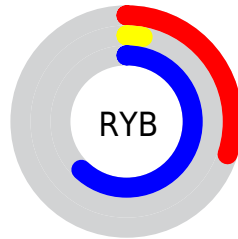
The Hex color **4D089F** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5A9F08**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8744D7**, and **00006A** is the 20% darker color. If you saturate the color by 10%, you get **49009F**, and if you desaturate by 10%, it is **56189F**.

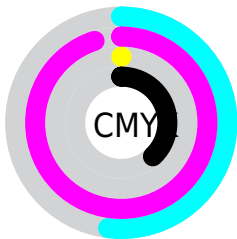
Distribution



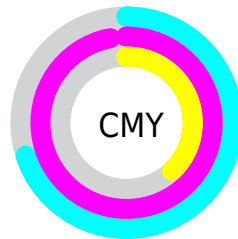
- Red (30%)
- Green (3%)
- Blue (62%)



- Red (30%)
- Yellow (3%)
- Blue (62%)



- Cyan (52%)
- Magenta (95%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (97%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D089F 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 4D089F by changing the saturation by 10% instead.

4D089F

4D089F

FFFFFF

2E0084

8744D7

00006A

A45EF4

000051

C179FF

000539

DF94FF

000222

FDAFFF

000008

FFCBFF

000000

FFE8FF

4D089F

4D089F

■ 49009F

■ 56189F

■ 5E289F

■ 67389F

■ 70489F

■ 78589F

■ 81679F

■ 89779F

■ 92879F

■ 9B979F

Harmonies

Analogous

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



003EBF



4D089F



910066

Triad

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



4D089F



682500



004F52

Complementary

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



4D089F



5A9F08

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.



004D08



4D089F



324000

Square

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



4D089F



8E0000



004A00



005191

Rectangle

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



4D089F



A0003B



004A00



004F3C

Sweetspot

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



4D089F



AF95CF



085B9F



554569



E8E8E8



696969

Same Dimension

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



4D089F



5E00CF



97089F



4B474F



41008F



07000F

Inverse Universe

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



9F085A



CF0070



109F08



4F474B



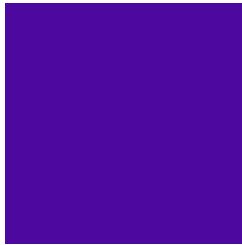
8F004E



0F0008

Previews

White Background



This preview shows how the Hex color 4D089F looks on a white background.

Color Contrast Check

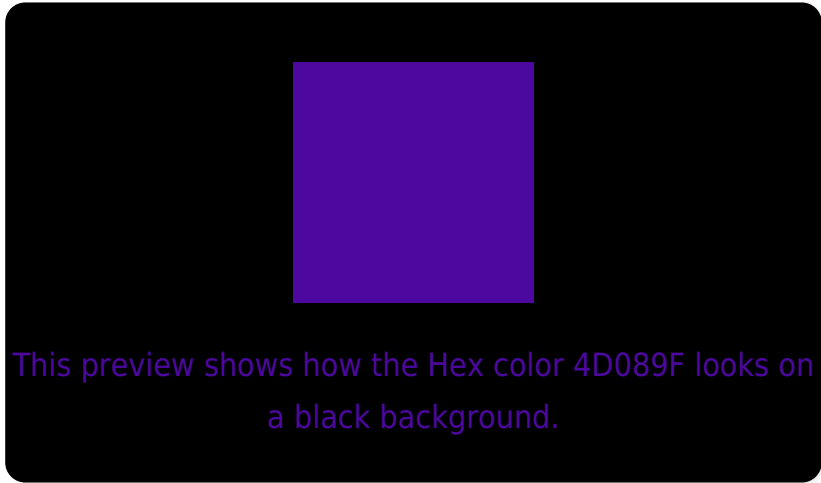
Large Text (above 18pt) WCAG AA ✓ Pass

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

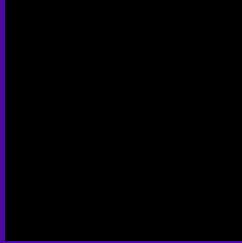
Any Text WCAG AA × Fail

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 4D089F Background



This preview shows how black text looks on a background with the Hex color 4D089F.

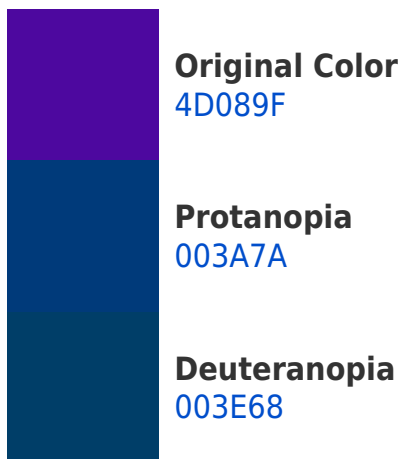


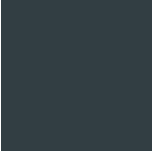
This preview shows how white text looks on a background with the Hex color 4D089F.

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
323E43

Trichromacy



Original Color
4D089F

Protanomaly
1C2887

Deuteranomaly
1C2A7C

Tritanomaly
3C2A64

Monochromacy



Original Color
4D089F

Achromatopsia
2E2E2E

Achromatomaly
392057

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D089F 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 #4D089F looks like.

```
.text, #text, p{  
    color:#4D089F  
}
```

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 #4D089F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D089F
}
```

Border

The CSS property to change the border of an element to Hex 4D089F is called "border". The border property can be set on classes, ids or directly on the HTML element.

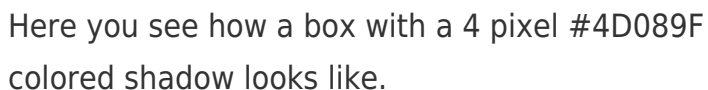
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D089F }
```

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

```
.border{ border-color:#4D089F }
```

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



Here you see how a box with a 4 pixel #4D089F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D089F; -webkit-box-shadow:4px 4px  
4px 4px #4D089F; box-shadow:4px 4px 4px  
4px #4D089F }
```

Background

The CSS property to change the background color of an element to Hex 4D089F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D089F }
```

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

```
.background{ background-color:#4D089F }
```

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