

Converting Colors

Hex(4F0094)

Have a look what the booklet for
Hex(4F0094) contains.

| | |
|--|----|
| Hex(4F0094) | 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(4F0094)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 4F0094 |
| RGB | 79, 0, 148 |
| RGB Percent | 31%, 0%, 58% |
| CMY | 0.6902, 1.0000, 0.4196 |
| CMYK | 0.47, 1.00, 0.00, 0.42 |
| HSL | 272°, 100%, 29% |
| HSV | 272°, 100%, 58% |
| XYZ | 8.5697, 3.8004, 28.2988 |
| YIQ | 40.4930, -0.4240, 62.7760 |

Conversions

Conversions Part 2

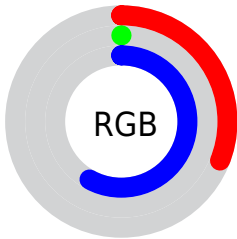
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 79, 0, 148 |
| Decimal | 5177492 |
| CIE _{Lab} | 23.00, 56.10, -60.39 |
| CIE _{LCh} | 23, 82.429, 312.890 |
| Yxy | 3.8004, 0.2107, 0.0934 |
| Android (android.graphics.Color) | 4283367572 (0xFF4F0094) |
| YUV | 40.4930, 53.0010, 33.7706 |
| Hunter-Lab | 19.4946, 44.3525, -72.4208 |

Details

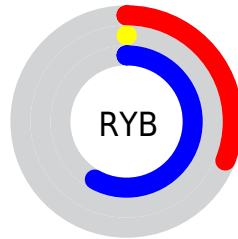
The Hex color **4F0094** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **459400**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8840CB**, and **0F0060** is the 20% darker color. If you saturate the color by 10%, you get **4F0094**, and if you desaturate by 10%, it is **560F94**.

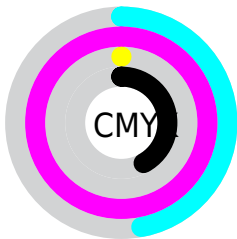
Distribution



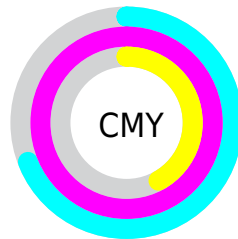
- Red (31%)
- Green (0%)
- Blue (58%)



- Red (31%)
- Yellow (0%)
- Blue (58%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F0094 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 4F0094 by changing the saturation by 10% instead.

 4F0094

 4F0094


FFFFFF

 310079

 8840CB

 0F0060

 A45AE8

 000047

 C174FF

 000430

 DF8FFF

 00011A

 FDABFF

 000000

 FFC7FF

 FFE4FF

 4F0094

 560F94

 5D1E94

 642C94

 6B3B94

 724A94

 785994

 7F6894

 867694

 8D8594

Harmonies

Analogous

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



003AB4



4F0094



8C005D

Triad

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



4F0094



602500



004B51

Complementary

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



4F0094



459400

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.



00490D



4F0094



2B3D00

Square

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



4F0094



850000



004600



004C8C

Rectangle

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



4F0094



970035



004600



004A3C

Sweetspot

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



4F0094



A586BF



004594



513E61



E0E0E0



616161

Same Dimension

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



4F0094



6600BF



94008F



47434A



4A008A



05000A

Inverse Universe

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



940045



BF0059



009405



4A4346



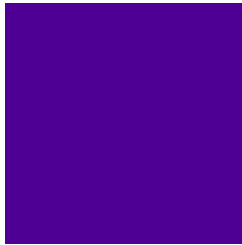
8A0040



0A0005

Previews

White Background



This preview shows how the Hex color 4F0094 looks on a white background.

Color Contrast Check

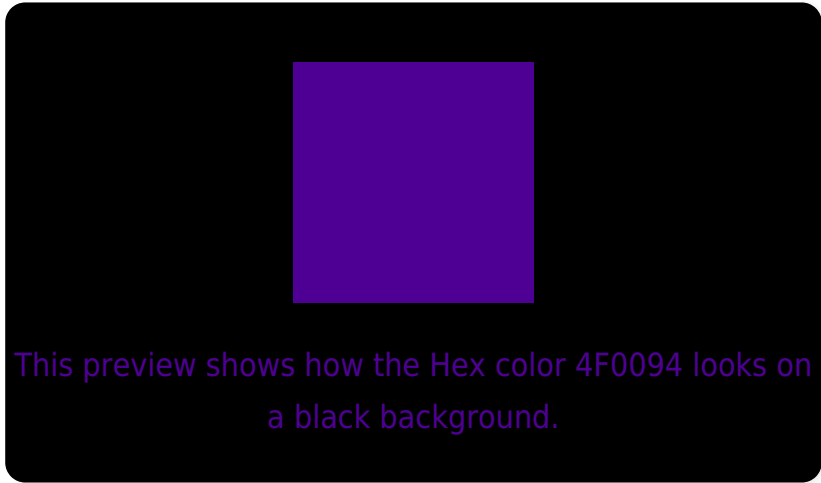
Large Text (above 18pt) WCAG AA ✓ Pass

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

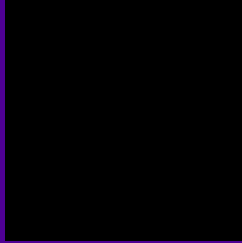
Any Text WCAG AA × Fail

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 4F0094 Background



This preview shows how black text looks on a background with the Hex color 4F0094.

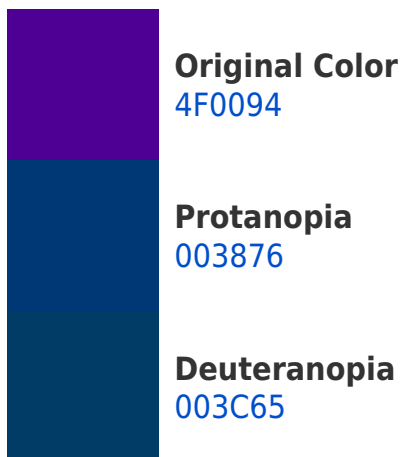


This preview shows how white text looks on a background with the Hex color 4F0094.

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
393A3E

Trichromacy



Original Color
4F0094

Protanomaly
1D2481

Deuteranomaly
1D2676

Tritanomaly
41255D

Monochromacy



Original Color
4F0094

Achromatopsia
282828

Achromatomaly
36194F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F0094 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 #4F0094 looks like.

```
.text, #text, p{  
    color:#4F0094  
}
```

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 #4F0094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0094
}
```

Border

The CSS property to change the border of an element to Hex 4F0094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

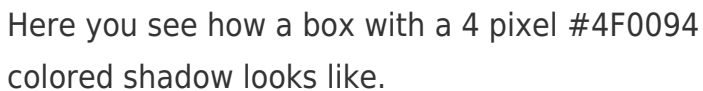
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0094 }
```

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

```
.border{ border-color:#4F0094 }
```

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



Here you see how a box with a 4 pixel #4F0094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0094; -webkit-box-shadow:4px 4px  
4px 4px #4F0094; box-shadow:4px 4px 4px  
4px #4F0094 }
```

Background

The CSS property to change the background color of an element to Hex 4F0094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0094 }
```

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

```
.background{ background-color:#4F0094 }
```

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