

Converting Colors

Hex(4F0098)

Have a look what the booklet for
Hex(4F0098) contains.

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Color

Hex(4F0098)

Conversions

Conversions Part 1

Format	Color
Hex	4F0098
RGB	79, 0, 152
RGB Percent	31%, 0%, 60%
CMY	0.6902, 1.0000, 0.4039
CMYK	0.48, 1.00, 0.00, 0.40
HSL	271°, 100%, 30%
HSV	271°, 100%, 60%
XYZ	8.8919, 3.9293, 29.9955
YIQ	40.9490, -1.7080, 64.0200

Conversions

Conversions Part 2

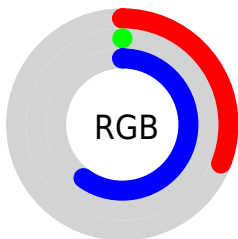
Format	Color
R_{YB}	79, 0, 152
Decimal	5177496
CIE _{Lab}	23.44, 57.00, -62.14
CIE _{LCh}	23, 84.323, 312.527
Yxy	3.9293, 0.2077, 0.0918
Android (android.graphics.Color)	4283367576 (0xFF4F0098)
YUV	40.9490, 54.7481, 33.3707
Hunter-Lab	19.8224, 45.3826, -75.8429

Details

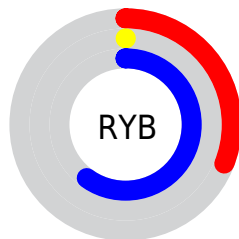
The Hex color **4F0098** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **499800**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8840CF**, and **0B0064** is the 20% darker color. If you saturate the color by 10%, you get **4F0098**, and if you desaturate by 10%, it is **560F98**.

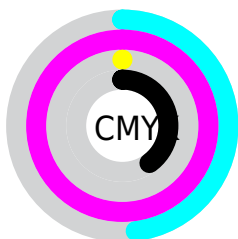
Distribution



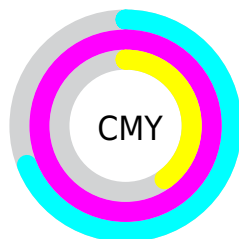
- Red (31%)
- Green (0%)
- Blue (60%)



- Red (31%)
- Yellow (0%)
- Blue (60%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4F0098 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 4F0098 by changing the saturation by 10% instead.

 4F0098

 4F0098

FFFFFF

 31007D


 8840CF

 0B0064

 A55AEC

 00004B

 C275FF

 000433

 E090FF

 00021D

 FEACFF

 000000

 FFC8FF

 FFE4FF

 4F0098

 560F98

 5E1E98

 652E98

 6C3D98

 734C98

 7B5B98

 826A98

 897A98

 918998

Harmonies

Analogous

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



003BB9



4F0098



8E005F

Triad

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



4F0098



622500



004C52

Complementary

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



4F0098



499800

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.



004A0B



4F0098



2C3E00

Square

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



4F0098



880000



004700



004E8F

Rectangle

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



4F0098



9B0036



004700



004C3C

Sweetspot

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



4F0098



A889C4



004998



524063



E3E3E3



636363

Same Dimension

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



4F0098



6600C4



980095



49454D



49008C



07000D

Inverse Universe

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



980049



C4005E



009803



4D4549



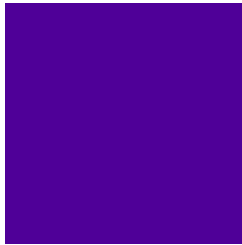
8C0043



0D0006

Previews

White Background



This preview shows how the Hex color 4F0098 looks on a white background.

Color Contrast Check

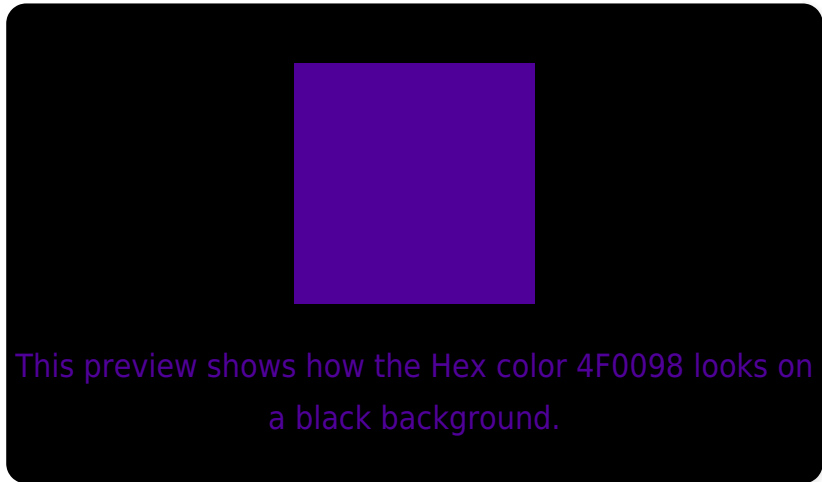
Large Text (above 18pt) WCAG AA ✓ Pass

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

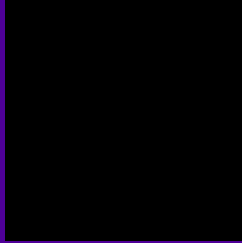
Any Text WCAG AA × Fail

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 4F0098 Background



This preview shows how black text looks on a background with the Hex color 4F0098.

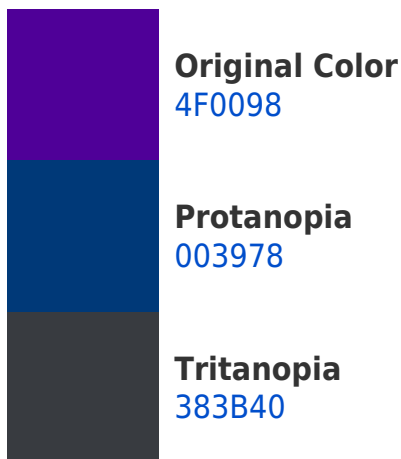


This preview shows how white text looks on a background with the Hex color 4F0098.

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

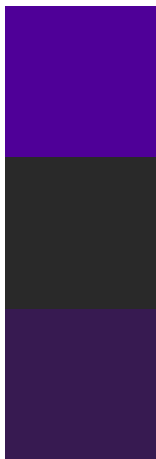


Original Color
4F0098

Protanomaly
1D2484

Tritanomaly
402660

Monochromacy



Original Color
4F0098

Achromatopsia
292929

Achromatomaly
371A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F0098 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 #4F0098 looks like.

```
.text, #text, p{  
    color:#4F0098  
}
```

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 #4F0098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0098
}
```

Border

The CSS property to change the border of an element to Hex 4F0098 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
#4F0098 }
```

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

```
.border{ border-color:#4F0098 }
```

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

Here you see how a box with a 4 pixel #4F0098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0098; -webkit-box-shadow:4px 4px  
4px 4px #4F0098; box-shadow:4px 4px 4px  
4px #4F0098 }
```

Background

The CSS property to change the background color of an element to Hex 4F0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0098 }
```

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

```
.background{ background-color:#4F0098 }
```

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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