

Converting Colors

Hex(4F0139)

Have a look what the booklet for
Hex(4F0139) contains.

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Color

Hex(4F0139)

Conversions

Conversions Part 1

Format	Color
Hex	4F0139
RGB	79, 1, 57
RGB Percent	31%, 0%, 22%
CMY	0.6902, 0.9961, 0.7765
CMYK	0.00, 0.99, 0.28, 0.69
HSL	317°, 98%, 16%
HSV	317°, 99%, 31%
XYZ	3.9738, 1.9794, 4.0435
YIQ	30.7060, 28.5120, 33.9520

Conversions

Conversions Part 2

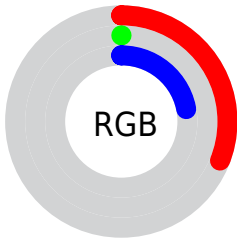
Format	Color
R_{YB}	79, 1, 57
Decimal	5177657
CIE Lab	15.38, 38.28, -12.63
CIE LCh	15, 40.313, 341.749
Yxy	1.9794, 0.3975, 0.1980
Android (android.graphics.Color)	4283367737 (0xFF4F0139)
YUV	30.7060, 12.9629, 42.3538
Hunter-Lab	14.0690, 25.7968, -7.1919

Details

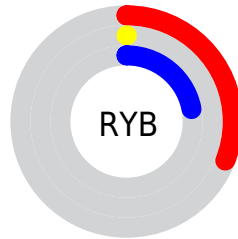
The Hex color **4F0139** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **014F17**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **833868**, and **1E000C** is the 20% darker color. If you saturate the color by 10%, you get **4F0039**, and if you desaturate by 10%, it is **4F093B**.

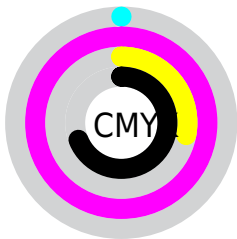
Distribution



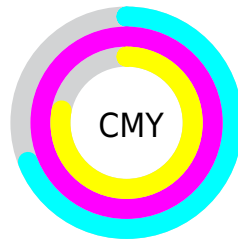
- Red (31%)
- Green (0%)
- Blue (22%)



- Red (31%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (99%)
- Yellow (28%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F0139 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 4F0139 by changing the saturation by 10% instead.

 4F0139

 4F0139

 FFF4FF

 360023

 833868

 1E000C

 9E5181

 000000

 BA6B9B

 D785B6

 F4A0D2

 FFBEE

 FFD7FF

 4F0139

 4F0139

■ 4F0039

■ 4F093B

■ 4F113D

■ 4F1940

■ 4F2142

■ 4F2944

■ 4F3046

■ 4F3849

■ 4F404B

■ 4F484D

Harmonies

Analogous

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



341852



4F0139



57001D

Triad

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



4F0139



272900



00324C

Complementary

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



4F0139



014F17

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.



003231



4F0139



032E00

Square

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



4F0139



3F1E00



003113



002F5D

Rectangle

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



4F0139



540506



003113



003244

Sweetspot

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



4F0139



66475D



16014F



33212E



B3B3B3



333333

Same Dimension

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



4F0139



660049



4F0113



262225



E600A5

Inverse Universe

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



4F0139



660049



014F3D



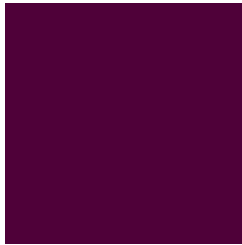
262225



E600A5

Previews

White Background



This preview shows how the Hex color 4F0139 looks on a white background.

Color Contrast Check

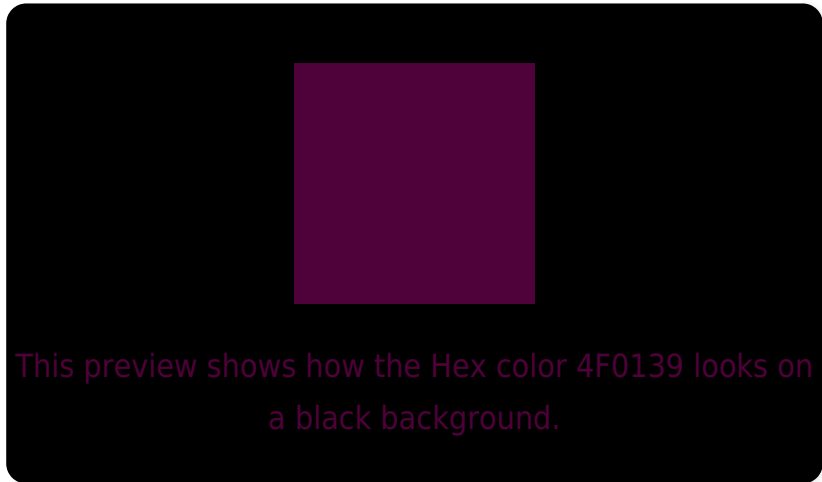
Large Text (above 18pt) WCAG AA ✓ Pass

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

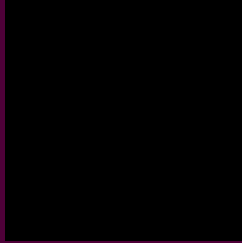
Any Text WCAG AA × Fail

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 4F0139 Background



This preview shows how black text looks on a background with the Hex color 4F0139.



This preview shows how white text looks on a background with the Hex color 4F0139.

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
4F0139

Protanopia
142951

Deuteranopia
292A35



Tritanopia
4D1618

Trichromacy



Original Color
4F0139

Protanomaly
291A48

Deuteranomaly
371B36

Tritanomaly
4E0E24

Monochromacy



Original Color
4F0139

Achromatopsia
1F1F1F

Achromatomaly
301428

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F0139 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 #4F0139 looks like.

```
.text, #text, p{  
    color:#4F0139  
}
```

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 #4F0139 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0139
}
```

Border

The CSS property to change the border of an element to Hex 4F0139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

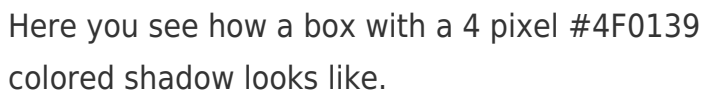
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0139 }
```

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

```
.border{ border-color:#4F0139 }
```

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



Here you see how a box with a 4 pixel #4F0139 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0139; -webkit-box-shadow:4px 4px  
4px 4px #4F0139; box-shadow:4px 4px 4px  
4px #4F0139 }
```

Background

The CSS property to change the background color of an element to Hex 4F0139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0139 }
```

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

```
.background{ background-color:#4F0139 }
```

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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