

Converting Colors

Hex(4F0001)

Have a look what the booklet for
Hex(4F0001) contains.

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Color

Hex(4F0001)

Conversions

Conversions Part 1

Format	Color
Hex	4F0001
RGB	79, 0, 1
RGB Percent	31%, 0%, 0%
CMY	0.6902, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.69
HSL	359°, 100%, 15%
HSV	359°, 100%, 31%
XYZ	3.2299, 1.6645, 0.1798
YIQ	23.7350, 46.7630, 17.0590

Conversions

Conversions Part 2

Format	Color
R_{YB}	79, 0, 1
Decimal	5177345
CIE Lab	13.62, 34.29, 20.91
CIE LCh	14, 40.162, 31.371
Yxy	1.6645, 0.6365, 0.3280
Android (android.graphics.Color)	4283367425 (0xFF4F0001)
YUV	23.7350, -11.2084, 48.4674
Hunter-Lab	12.9014, 22.1110, 8.2049

Details

The Hex color **4F0001** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004F4E**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **863530**, and **100000** is the 20% darker color. If you saturate the color by 10%, you get **4F0001**, and if you desaturate by 10%, it is **4F0809**.

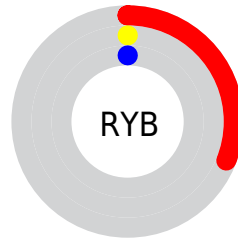
Distribution



Red (31%)

Green (0%)

Blue (0%)



Red (31%)

Yellow (0%)

Blue (0%)

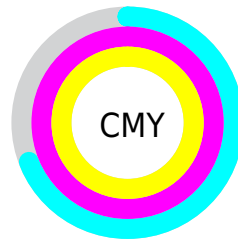


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (69%)



Cyan (69%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F0001 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 4F0001 by changing the saturation by 10% instead.

 4F0001

 4F0001

 FFF0E2

 350000

 863530

 100000

 A24E46

 000000

 BF675E

 DD8177

 FB9C90

 FFB7AB

 FFD3C6

 4F0001

■ 4F0809

■ 4F1011

■ 4F1818

■ 4F2020

■ 4F2828

■ 4F2F30

■ 4F3738

■ 4F3F3F

■ 4F4747

Harmonies

Analogous

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



510023



4F0001



411600

Triad

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



4F0001



002D00



00265C

Complementary

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



4F0001



004F4E

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.



002C54



4F0001



002E23

Square

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



4F0001



0E2900



002E40



1E1A53

Rectangle

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



4F0001



331F00



002E40



00295B

Sweetspot

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



4F0001



664748



4E004F



332121



B3B3B3



333333

Same Dimension

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



4F0001



660001



4F2600



262222



E60003

Inverse Universe

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



4F0001



660001



00294F



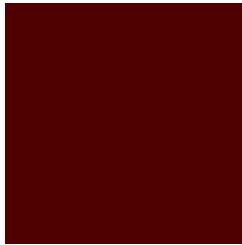
262222



E60003

Previews

White Background



This preview shows how the Hex color 4F0001 looks on a white background.

Color Contrast Check

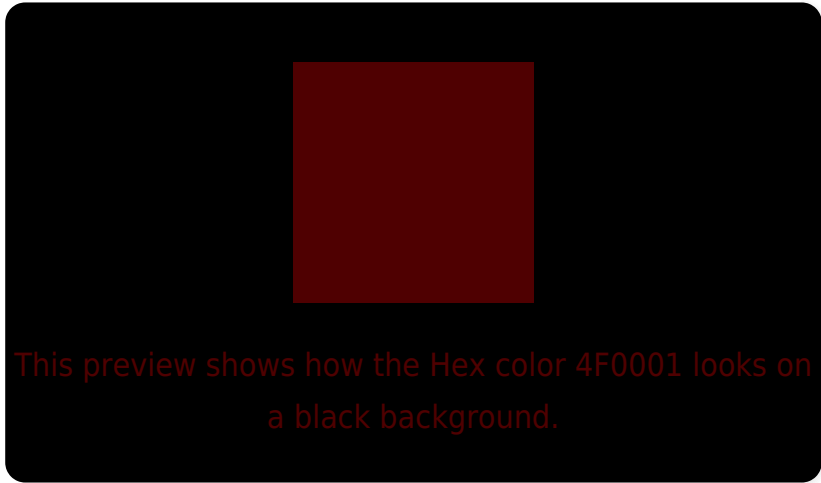
Large Text (above 18pt) WCAG AA ✓ Pass

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

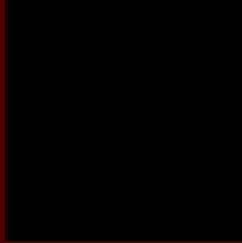
Any Text WCAG AA × Fail

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 4F0001 Background



This preview shows how black text looks on a background with the Hex color 4F0001.

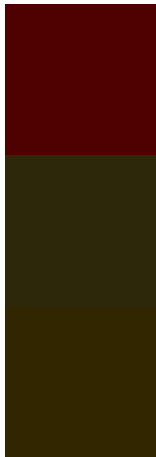


This preview shows how white text looks on a background with the Hex color 4F0001.

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
4F0001

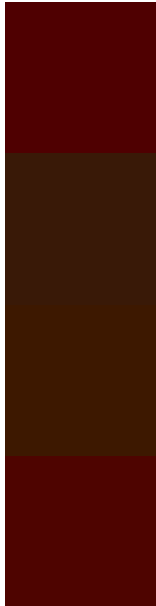
Protanopia
2D280A

Deuteranopia
322600



Tritanopia
4E0700

Trichromacy



Original Color
4F0001

Protanomaly
391907

Deuteranomaly
3D1800

Tritanomaly
4E0400

Monochromacy



Original Color
4F0001

Achromatopsia
181818

Achromatomaly
2C0F10

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F0001 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 #4F0001 looks like.

```
.text, #text, p{  
    color:#4F0001  
}
```

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 #4F0001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0001
}
```

Border

The CSS property to change the border of an element to Hex 4F0001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

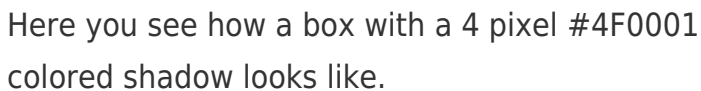
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0001 }
```

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

```
.border{ border-color:#4F0001 }
```

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



Here you see how a box with a 4 pixel #4F0001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0001; -webkit-box-shadow:4px 4px  
4px 4px #4F0001; box-shadow:4px 4px 4px  
4px #4F0001 }
```

Background

The CSS property to change the background color of an element to Hex 4F0001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0001 }
```

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

```
.background{ background-color:#4F0001 }
```

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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