

Converting Colors

Hex(4A0000)

Have a look what the booklet for
Hex(4A0000) contains.

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Color

Hex(4A0000)

Conversions

Conversions Part 1

Format	Color
Hex	4A0000
RGB	74, 0, 0
RGB Percent	29%, 0%, 0%
CMY	0.7098, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.71
HSL	0°, 100%, 15%
HSV	0°, 100%, 29%
XYZ	2.8240, 1.4558, 0.1322
YIQ	22.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

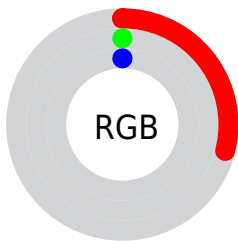
Format	Color
RYB	74, 0, 0
Decimal	4849664
CIELab	12.32, 32.77, 19.36
CIELCh	12, 38.065, 30.569
Yxy	1.4558, 0.6401, 0.3300
Android (android.graphics.Color)	4283039744 (0xFF4A0000)
YUV	22.1260, -10.9081, 45.4935
Hunter-Lab	12.0658, 20.6631, 7.7967

Details

The Hex color **4A0000** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004A4A**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **80342F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **4A0000**, and if you desaturate by 10%, it is **4A0707**.

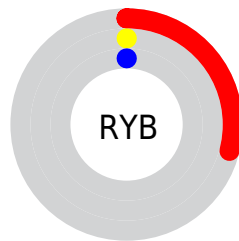
Distribution



Red (29%)

Green (0%)

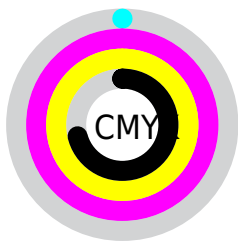
Blue (0%)



Red (29%)

Yellow (0%)

Blue (0%)

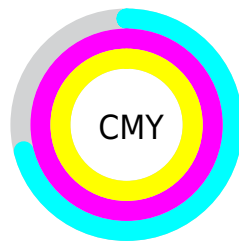


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4A0000 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 4A0000 by changing the saturation by 10% instead.

 4A0000

 4A0000

 FFEDE2

 310000

 80342F

 000000

 9C4C46

 B9655D

 D67F76

 F49990

 FFB5AA

 FFD1C6

 4A0000

■ 4A0707

■ 4A0F0F

■ 4A1616

■ 4A1E1E

■ 4A2525

■ 4A2C2C

■ 4A3434

■ 4A3B3B

■ 4A4343

Harmonies

Analogous

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



4B0021



4A0000



3D1300

Triad

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



4A0000



002900



002456

Complementary

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



4A0000



004A4A

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.



00294E



4A0000



002B20

Square

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



4A0000



0E2600



002B3A



1A194E

Rectangle

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



4A0000



301C00



002B3A



002655

Sweetspot

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



4A0000



614444



4A004A



301F1F



B0B0B0



303030

Same Dimension

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



4A0000



610000



4A2500



262222



660000



E60000

Inverse Universe

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



004A4A



006161



00254A



222626



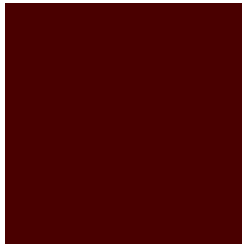
006666



00E6E6

Previews

White Background



This preview shows how the Hex color 4A0000 looks on a white background.

Color Contrast Check

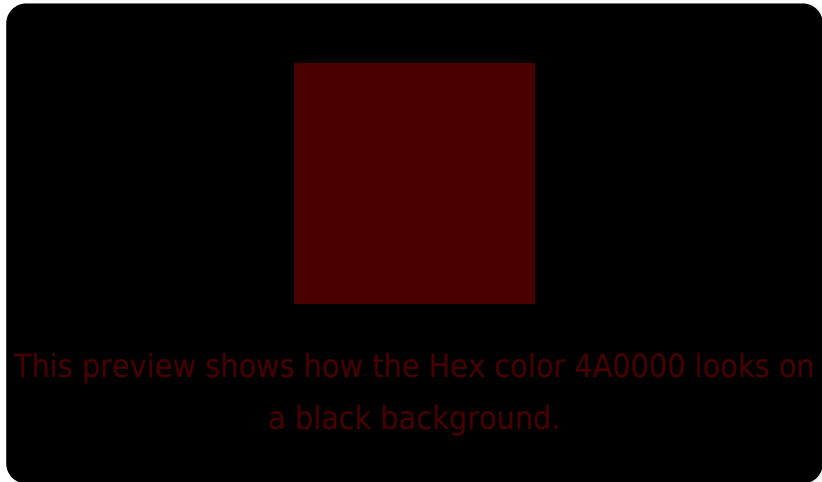
Large Text (above 18pt) WCAG AA ✓ Pass

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

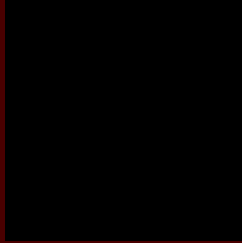
Any Text WCAG AA × Fail

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 4A0000 Background



This preview shows how black text looks on a background with the Hex color 4A0000.

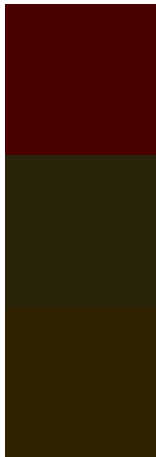


This preview shows how white text looks on a background with the Hex color 4A0000.

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
4A0000

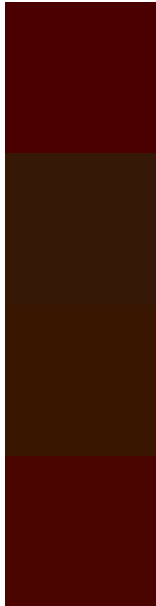
Protanopia
2A250A

Deuteranopia
2F2300



Tritanopia
490700

Trichromacy



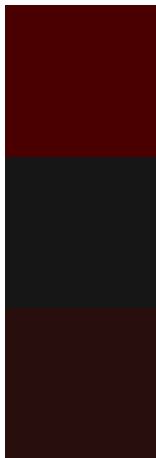
Original Color
4A0000

Protanomaly
361806

Deuteranomaly
391600

Tritanomaly
490400

Monochromacy



Original Color
4A0000

Achromatopsia
161616

Achromatomaly
290E0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A0000 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 #4A0000 looks like.

```
.text, #text, p{  
    color:#4A0000  
}
```

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 #4A0000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0000
}
```

Border

The CSS property to change the border of an element to Hex 4A0000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

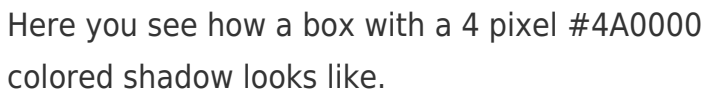
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A0000 }
```

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

```
.border{ border-color:#4A0000 }
```

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



Here you see how a box with a 4 pixel #4A0000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0000; -webkit-box-shadow:4px 4px  
4px 4px #4A0000; box-shadow:4px 4px 4px  
4px #4A0000 }
```

Background

The CSS property to change the background color of an element to Hex 4A0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0000 }
```

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

```
.background{ background-color:#4A0000 }
```

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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