

Converting Colors

Hex(4A2000)

Have a look what the booklet for
Hex(4A2000) contains.

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Color

Hex(4A2000)

Conversions

Conversions Part 1

Format	Color
Hex	4A2000
RGB	74, 32, 0
RGB Percent	29%, 13%, 0%
CMY	0.7098, 0.8745, 1.0000
CMYK	0.00, 0.57, 1.00, 0.71
HSL	26°, 100%, 15%
HSV	26°, 100%, 29%
XYZ	3.3406, 2.4889, 0.3043
YIQ	40.9100, 35.3040, -1.0480

Conversions

Conversions Part 2

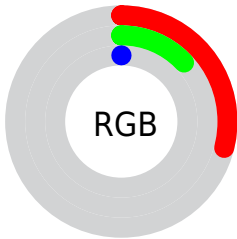
Format	Color
RYB	74, 56, 0
Decimal	4857856
CIELab	17.87, 17.80, 26.45
CIELCh	18, 31.884, 56.069
Yxy	2.4889, 0.5446, 0.4058
Android (android.graphics.Color)	4283047936 (0xFF4A2000)
YUV	40.9100, -20.1686, 29.0199
Hunter-Lab	15.7762, 10.1886, 9.8996

Details

The Hex color **4A2000** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002A4A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7F4D2F**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **4A2000**, and if you desaturate by 10%, it is **4A2407**.

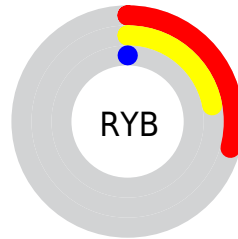
Distribution



Red (29%)

Green (13%)

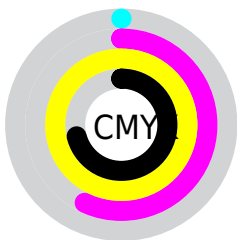
Blue (0%)



Red (29%)

Yellow (22%)

Blue (0%)

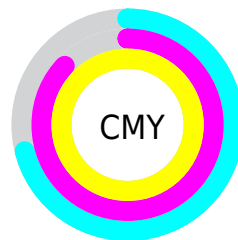


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A2000 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 4A2000 by changing the saturation by 10% instead.

 4A2000

 4A2000

 FFFFE3

 300B00

 7F4D2F

 140000

 9A6546

 000000

 B67E5E

 D39877

 F0B390

 FFCFAB

 FFEBC7

 4A2000

■ 4A2407

■ 4A280F

■ 4A2D16

■ 4A311E

■ 4A3525

■ 4A392C

■ 4A3D34

■ 4A423B

■ 4A4643

Harmonies

Analogous

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



531619



4A2000



3A2A00

Triad

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



4A2000



003628



242755

Complementary

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



4A2000



002A4A

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.



002F5A



4A2000



00363F

Square

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



4A2000



003410



003452



441C46

Rectangle

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



4A2000



2C2E00



003452



102A58

Sweetspot

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



4A2000



615044



4A002B



30271F



B0B0B0



303030

Same Dimension

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



4A2000



612A00



4A4400



262422



662C00



E66300

Inverse Universe

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



002A4A



003761



00064A



222526



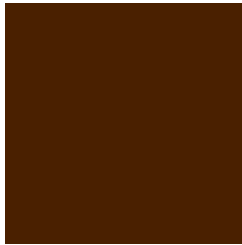
003A66



0082E6

Previews

White Background



This preview shows how the Hex color 4A2000 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

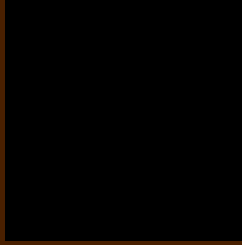
Any Text WCAG AA × Fail

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 4A2000 Background



This preview shows how black text looks on a background with the Hex color 4A2000.



This preview shows how white text looks on a background with the Hex color 4A2000.

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
4A2000

Protanopia
332D07

Deuteranopia
392B00



Tritanopia
4B1E20

Trichromacy



Original Color
4A2000

Protanomaly
3B2804

Deuteranomaly
3F2700

Tritanomaly
4B1F14

Monochromacy



Original Color
4A2000

Achromatopsia
292929

Achromatomaly
35261A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A2000 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 #4A2000 looks like.

```
.text, #text, p{  
    color:#4A2000  
}
```

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 #4A2000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A2000
}
```

Border

The CSS property to change the border of an element to Hex 4A2000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

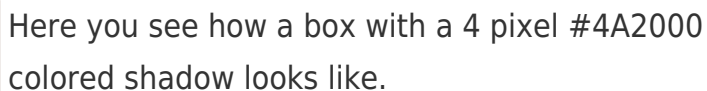
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A2000 }
```

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

```
.border{ border-color:#4A2000 }
```

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



Here you see how a box with a 4 pixel #4A2000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A2000; -webkit-box-shadow:4px 4px  
4px 4px #4A2000; box-shadow:4px 4px 4px  
4px #4A2000 }
```

Background

The CSS property to change the background color of an element to Hex 4A2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A2000 }
```

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

```
.background{ background-color:#4A2000 }
```

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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