

Converting Colors

Hex(4A2004)

Have a look what the booklet for
Hex(4A2004) contains.

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Color

Hex(4A2004)

Conversions

Conversions Part 1

Format	Color
Hex	4A2004
RGB	74, 32, 4
RGB Percent	29%, 13%, 2%
CMY	0.7098, 0.8745, 0.9843
CMYK	0.00, 0.57, 0.95, 0.71
HSL	24°, 90%, 15%
HSV	24°, 95%, 29%
XYZ	3.3625, 2.4976, 0.4197
YIQ	41.3660, 34.0200, 0.1960

Conversions

Conversions Part 2

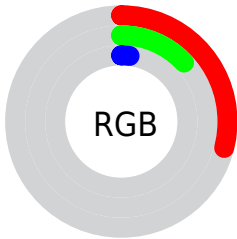
Format	Color
RYB	74, 51, 4
Decimal	4857860
CIELab	17.91, 17.98, 24.87
CIELCh	18, 30.692, 54.132
Yxy	2.4976, 0.5354, 0.3977
Android (android.graphics.Color)	4283047940 (0xFF4A2004)
YUV	41.3660, -18.4214, 28.6200
Hunter-Lab	15.8039, 10.3211, 9.4881

Details

The Hex color **4A2004** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **042E4A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7F4D32**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **4A1E00**, and if you desaturate by 10%, it is **4A240B**.

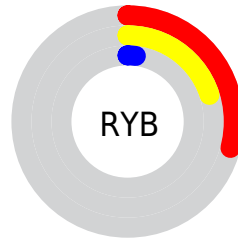
Distribution



Red (29%)

Green (13%)

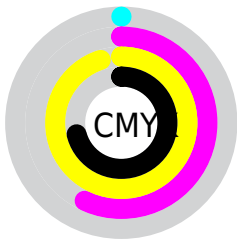
Blue (2%)



Red (29%)

Yellow (20%)

Blue (2%)

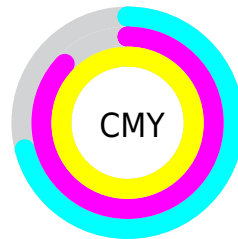


Cyan (0%)

Magenta (57%)

Yellow (95%)

Black (71%)



Cyan (71%)

Magenta (87%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A2004 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 4A2004 by changing the saturation by 10% instead.

 4A2004

 4A2004

 FFFFE6

 310B00

 7F4D32

 140000

 9A6549

 000000

 B67E61

 D3997A

 F0B394

 FFCFAE

 FFEBCA

 4A2004

 4A2004

■ 4A1E00

■ 4A240B

■ 4A2913

■ 4A2D1A

■ 4A3222

■ 4A3629

■ 4A3B30

■ 4A3F38

■ 4A443F

■ 4A4847

Harmonies

Analogous

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



52171B



4A2004



3B2900

Triad

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



4A2004



003627



222854

Complementary

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



4A2004



042E4A

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.



003058



4A2004



00363D

Square

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



4A2004



043410



00344F



421D46

Rectangle

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



4A2004



2E2E00



00344F



0E2B57

Sweetspot

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



4A2004



615146



4A042E



302720



B0B0B0



303030

Same Dimension

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



4A2004



612700



4A4304



262422



662900



E65C00

Inverse Universe

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



042E4A



003A61



040B4A



222526



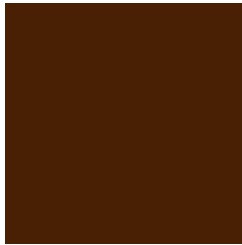
003D66



008AE6

Previews

White Background



This preview shows how the Hex color 4A2004 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

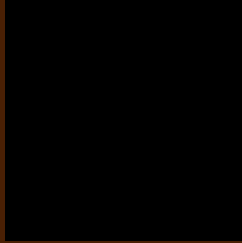
Any Text WCAG AA × Fail

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 4A2004 Background



This preview shows how black text looks on a background with the Hex color 4A2004.

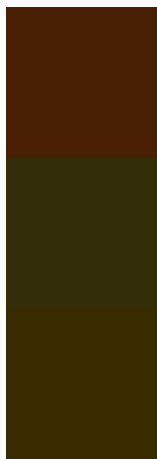


This preview shows how white text looks on a background with the Hex color 4A2004.

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
4A2004

Protanopia
332D08

Deuteranopia
392B00



Tritanopia
4B1E20

Trichromacy



Original Color
4A2004

Protanomaly
3B2807

Deuteranomaly
3F2701

Tritanomaly
4B1F16

Monochromacy



Original Color
4A2004

Achromatopsia
292929

Achromatomaly
35261C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A2004 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 #4A2004 looks like.

```
.text, #text, p{  
    color:#4A2004  
}
```

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 #4A2004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A2004
}
```

Border

The CSS property to change the border of an element to Hex 4A2004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

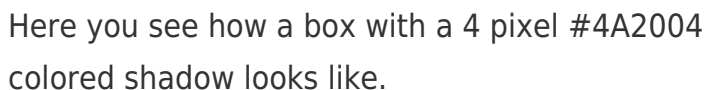
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A2004 }
```

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

```
.border{ border-color:#4A2004 }
```

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



Here you see how a box with a 4 pixel #4A2004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A2004; -webkit-box-shadow:4px 4px  
4px 4px #4A2004; box-shadow:4px 4px 4px  
4px #4A2004 }
```

Background

The CSS property to change the background color of an element to Hex 4A2004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A2004 }
```

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

```
.background{ background-color:#4A2004 }
```

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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