

Converting Colors

Hex(4A0F2A)

Have a look what the booklet for
Hex(4A0F2A) contains.

Hex(4A0F2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A0F2A)

Conversions

Conversions Part 1

Format	Color
Hex	4A0F2A
RGB	74, 15, 42
RGB Percent	29%, 6%, 16%
CMY	0.7098, 0.9412, 0.8353
CMYK	0.00, 0.80, 0.43, 0.71
HSL	333°, 66%, 17%
HSV	333°, 80%, 29%
XYZ	3.4128, 1.9647, 2.3898
YIQ	35.7190, 26.4970, 20.9050

Conversions

Conversions Part 2

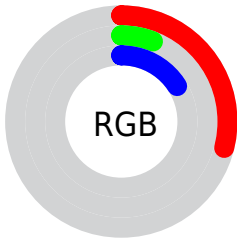
Format	Color
R_{YB}	74, 15, 42
Decimal	4853546
CIE Lab	15.30, 30.04, -2.03
CIE LCh	15, 30.105, 356.133
Yxy	1.9647, 0.4394, 0.2529
Android (android.graphics.Color)	4283043626 (0xFF4A0F2A)
YUV	35.7190, 3.0965, 33.5724
Hunter-Lab	14.0166, 18.9322, -0.2973




Details

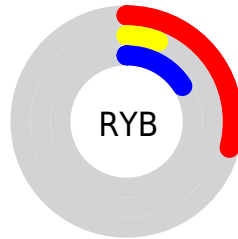
The Hex color **4A0F2A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0F4A2F**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **7E3F57**, and **150000** is the 20% darker color. If you saturate the color by 10%, you get **4A0826**, and if you desaturate by 10%, it is **4A162E**.

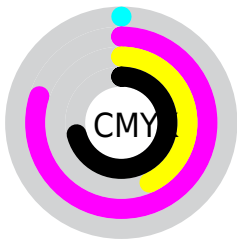
Distribution







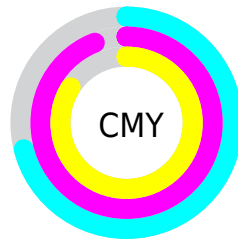
-  Red (29%)
-  Green (6%)
-  Blue (16%)






-  Red (29%)
-  Yellow (6%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (43%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (94%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A0F2A 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 4A0F2A by changing the saturation by 10% instead.

 4A0F2A

 4A0F2A

 FFFAFF

 320016

 7E3F57

 150000

 985770

 000000

 B47189

 D08BA3

 EDA5BE

 FFC1DA

 FFDDF6

 4A0F2A

 4A0F2A

■ 4A0826

■ 4A162E

■ 4A0022

■ 4A1E32

■ 4A2536

■ 4A2D3A

■ 4A343E

■ 4A3B42

■ 4A4346

■ 4A4A4A

■ 4A524E

Harmonies

Analogous

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



3D173E



4A0F2A



4B1215

Triad

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



4A0F2A



202A00



002E49

Complementary

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



4A0F2A



0F4A2F

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.



003039



4A0F2A



002E0C

Square

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



4A0F2A



332400



003023



002A51

Rectangle

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



4A0F2A



461803



003023



002F45

Sweetspot

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



4A0F2A



614A54



2E0F4A



302229



B0B0B0



303030

Same Dimension

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



4A0F2A



61042E



4A110F



262224



66002F



E60069

Inverse Universe

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



4A0F2A



61042E



0F484A



262224



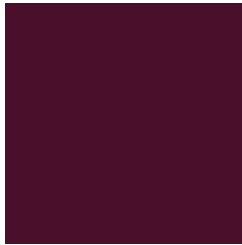
66002F



E60069

Previews

White Background



This preview shows how the Hex color 4A0F2A looks on a white background.

Color Contrast Check

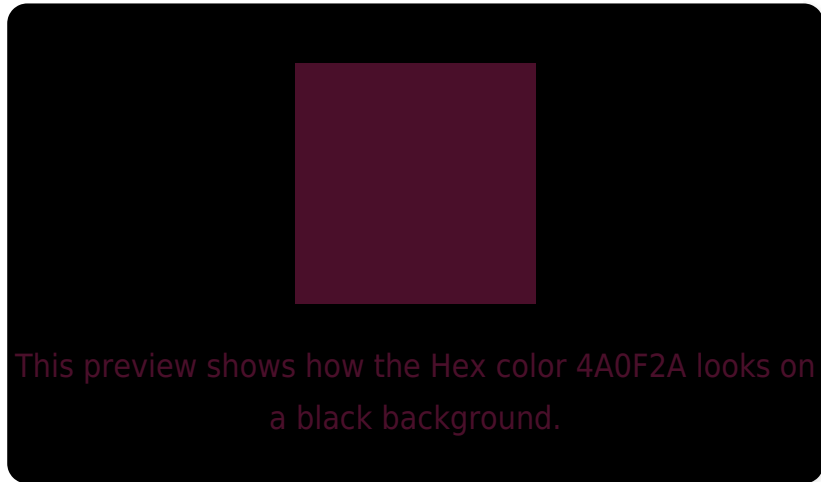
Large Text (above 18pt) WCAG AA ✓ Pass

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

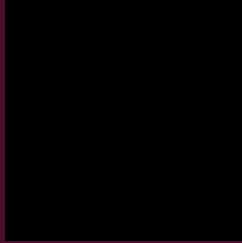
Any Text WCAG AA × Fail

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 4A0F2A Background



This preview shows how black text looks on a background with the Hex color 4A0F2A.



This preview shows how white text looks on a background with the Hex color 4A0F2A.

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
4A0F2A

Protanopia
232839

Deuteranopia
2D2727



Tritanopia
491516

Trichromacy



Original Color

4A0F2A

Protanomaly

311F34

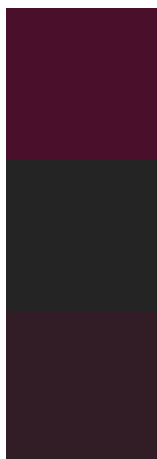
Deuteranomaly

381E28

Tritanomaly

49131D

Monochromacy



Original Color

4A0F2A

Achromatopsia

242424

Achromatomaly

321C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A0F2A 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 #4A0F2A looks like.

```
.text, #text, p{  
    color:#4A0F2A  
}
```

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 #4A0F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0F2A
}
```

Border

The CSS property to change the border of an element to Hex 4A0F2A 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".

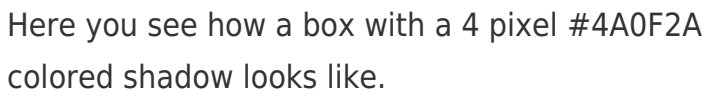
```
.border, #border, table{ border:4px solid
#4A0F2A }
```

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

```
.border{ border-color:#4A0F2A }
```

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

Here you see how a box with a 4 pixel #4A0F2A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0F2A; -webkit-box-shadow:4px 4px  
4px 4px #4A0F2A; box-shadow:4px 4px 4px  
4px #4A0F2A }
```

Background

The CSS property to change the background color of an element to Hex 4A0F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0F2A }
```

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

```
.background{ background-color:#4A0F2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor