

Converting Colors

Hex(2A0A2C)

Have a look what the booklet for
Hex(2A0A2C) contains.

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Color

Hex(2A0A2C)

Conversions

Conversions Part 1

Format	Color
Hex	2A0A2C
RGB	42, 10, 44
RGB Percent	16%, 4%, 17%
CMY	0.8353, 0.9608, 0.8275
CMYK	0.05, 0.77, 0.00, 0.83
HSL	296°, 63%, 11%
HSV	296°, 77%, 17%
XYZ	1.5180, 0.8912, 2.4749
YIQ	23.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

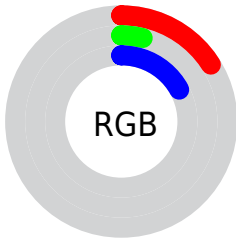
Format	Color
R_{YB}	42, 10, 44
Decimal	2755116
CIE Lab	8.05, 22.25, -15.19
CIE LCh	8, 26.942, 325.685
Yxy	0.8912, 0.3108, 0.1825
Android (android.graphics.Color)	4280945196 (0xFF2A0A2C)
YUV	23.4440, 10.1341, 16.2736
Hunter-Lab	9.4402, 12.1830, -8.9356

Details

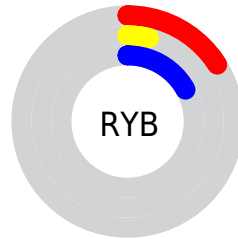
The Hex color **2A0A2C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C2C0A**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **59365A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A062C**, and if you desaturate by 10%, it is **2A0E2C**.

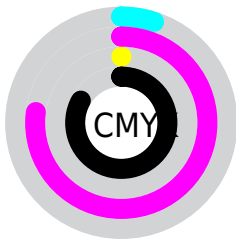
Distribution



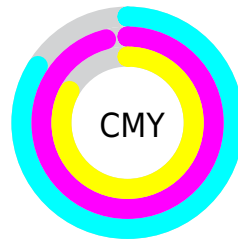
- Red (16%)
- Green (4%)
- Blue (17%)



- Red (16%)
- Yellow (4%)
- Blue (17%)



- Cyan (5%)
- Magenta (77%)
- Yellow (0%)
- Black (83%)



- Cyan (84%)
- Magenta (96%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0A2C 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 2A0A2C by changing the saturation by 10% instead.

■ 2A0A2C

■ 2A0A2C

■ FFECFF

■ 140018

■ 59365A

■ 000000

■ 724D72

■ 8C658C

■ A67FA6

■ C299C2

■ DEB4DE

■ FBCFFA

■ 2A0A2C

■ 2A0A2C

■ 2A062C

■ 2A0E2C

■ 29012C

■ 2B132C

■ 29002C

■ 2B172C

■ 2B1C2C

■ 2B202C

■ 2C242C

■ 2C292C

■ 2C2D2C

■ 2C322C

Harmonies

Analogous

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



0F1438



2A0A2C



35031B

Triad

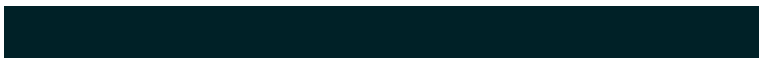
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A0A2C



211600



002127

Complementary

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



2A0A2C



0C2C0A

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.



002114



2A0A2C



0E1B00

Square

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



2A0A2C



2E0E00



001F00



001F35

Rectangle

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



2A0A2C



37030D



001F00



002121

Sweetspot

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



2A0A2C



372B38



0A0C2C



1C141C



9C9C9C



1C1C1C

Same Dimension

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



2A0A2C



350438



2C0A1D



171517



520057



CA00D6

Inverse Universe

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



2C0A0C



380407



0A2C19



171515



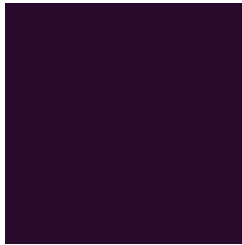
570005



D6000D

Previews

White Background



This preview shows how the Hex color 2A0A2C looks on a white background.

Color Contrast Check

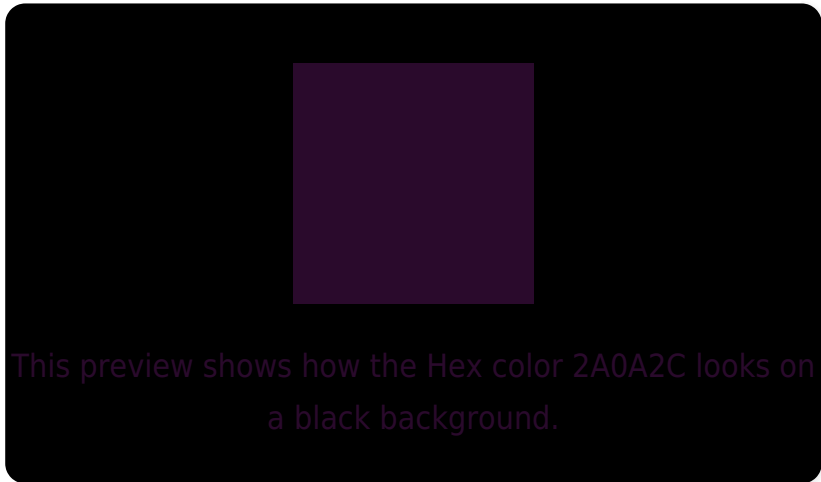
Large Text (above 18pt) WCAG AA ✓ Pass

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

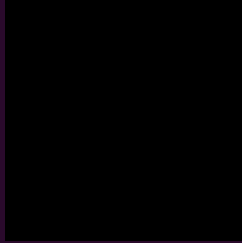
Any Text WCAG AA × Fail

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 2A0A2C Background



This preview shows how black text looks on a background with the Hex color 2A0A2C.



This preview shows how white text looks on a background with the Hex color 2A0A2C.

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
2A0A2C

Protanopia
001934

Deuteranopia
0F1A2A



Tritanopia
271314

Trichromacy



Original Color
2A0A2C

Protanomaly
0F1431

Deuteranomaly
19142B

Tritanomaly
28101D

Monochromacy



Original Color
2A0A2C

Achromatopsia
171717

Achromatomaly
1E121F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0A2C 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 #2A0A2C looks like.

```
.text, #text, p{  
    color:#2A0A2C  
}
```

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 #2A0A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0A2C
}
```

Border

The CSS property to change the border of an element to Hex 2A0A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

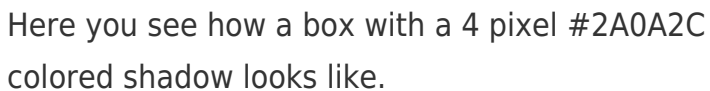
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0A2C }
```

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

```
.border{ border-color:#2A0A2C }
```

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



Here you see how a box with a 4 pixel #2A0A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0A2C; -webkit-box-shadow:4px 4px  
4px 4px #2A0A2C; box-shadow:4px 4px 4px  
4px #2A0A2C }
```

Background

The CSS property to change the background color of an element to Hex 2A0A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0A2C }
```

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

```
.background{ background-color:#2A0A2C }
```

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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