

Converting Colors

Hex(2A0434)

Have a look what the booklet for
Hex(2A0434) contains.

Hex(2A0434)	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(2A0434)

Conversions

Conversions Part 1

Format	Color
Hex	2A0434
RGB	42, 4, 52
RGB Percent	16%, 2%, 20%
CMY	0.8353, 0.9843, 0.7961
CMYK	0.19, 0.92, 0.00, 0.80
HSL	288°, 86%, 11%
HSV	288°, 92%, 20%
XYZ	1.6181, 0.8270, 3.3232
YIQ	20.8340, 7.2400, 22.9840

Conversions

Conversions Part 2

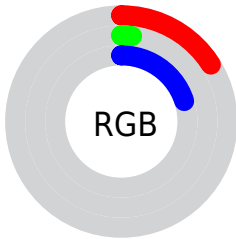
Format	Color
RYB	42, 4, 52
Decimal	2753588
CIELab	7.47, 27.46, -22.04
CIELCh	7, 35.208, 321.254
Yxy	0.8270, 0.2805, 0.1434
Android (android.graphics.Color)	4280943668 (0xFF2A0434)
YUV	20.8340, 15.3648, 18.5626
Hunter-Lab	9.0940, 15.8460, -15.3002

Details

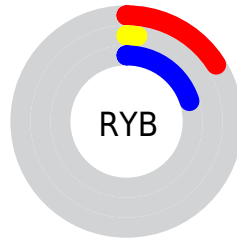
The Hex color **2A0434** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E3404**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5A3163**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **290034**, and if you desaturate by 10%, it is **2B0934**.

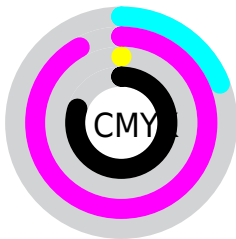
Distribution



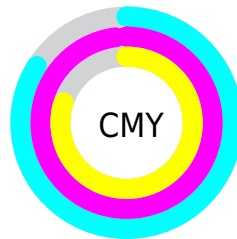
- Red (16%)
- Green (2%)
- Blue (20%)



- Red (16%)
- Yellow (2%)
- Blue (20%)



- Cyan (19%)
- Magenta (92%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0434 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 2A0434 by changing the saturation by 10% instead.


 2A0434

 2A0434

 FFE7FF

 14001F

 5A3163

 000001

 73487C

 000000

 8D6196

 A87AB1

 C394CC

 E0AFE9

 FCCBFF

 2A0434

 2A0434

■ 290034

■ 2B0934

■ 2C0E34

■ 2D1434

■ 2E1934

■ 2F1E34

■ 312334

■ 322834

■ 332E34

■ 343334

Harmonies

Analogous

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



001443



2A0434



3A001E

Triad

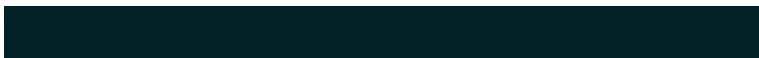
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A0434



231300



002227

Complementary

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



2A0434



0E3404

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.



00220D



2A0434



091B00

Square

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



2A0434



330600



002000



00213B

Rectangle

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



2A0434



3D000C



002000



00221F

Sweetspot

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



2A0434



413245



040E34



211824



A3A3A3



242424

Same Dimension

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



2A0434



370045



340426



19171A



470059



AC00D9

Inverse Universe

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



34040E



45000E



043412



1A1717



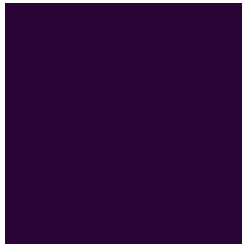
590013



D9002D

Previews

White Background



This preview shows how the Hex color 2A0434 looks on a white background.

Color Contrast Check

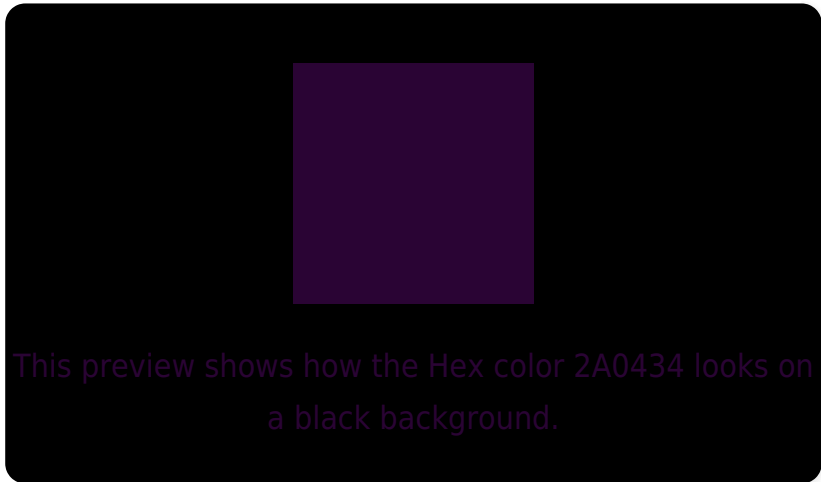
Large Text (above 18pt) WCAG AA ✓ Pass

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

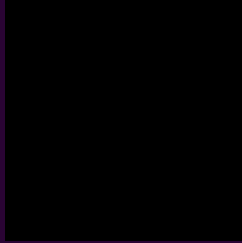
Any Text WCAG AA × Fail

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 2A0434 Background



This preview shows how black text looks on a background with the Hex color 2A0434.



This preview shows how white text looks on a background with the Hex color 2A0434.

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
2A0434

Protanopia
001934

Deuteranopia
001A2E



Tritanopia
261516

Trichromacy



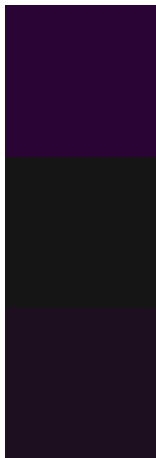
Original Color
2A0434

Protanomaly
0F1134

Deuteranomaly
0F1230

Tritanomaly
270F21

Monochromacy



Original Color
2A0434

Achromatopsia
151515

Achromatomaly
1D0F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0434 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 #2A0434 looks like.

```
.text, #text, p{  
    color:#2A0434  
}
```

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 #2A0434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0434
}
```

Border

The CSS property to change the border of an element to Hex 2A0434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

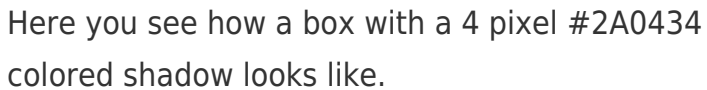
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0434 }
```

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

```
.border{ border-color:#2A0434 }
```

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



Here you see how a box with a 4 pixel #2A0434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0434; -webkit-box-shadow:4px 4px  
4px 4px #2A0434; box-shadow:4px 4px 4px  
4px #2A0434 }
```

Background

The CSS property to change the background color of an element to Hex 2A0434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0434 }
```

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

```
.background{ background-color:#2A0434 }
```

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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