

Converting Colors

Hex(2A0449)

Have a look what the booklet for
Hex(2A0449) contains.

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Color

Hex(2A0449)

Conversions

Conversions Part 1

Format	Color
Hex	2A0449
RGB	42, 4, 73
RGB Percent	16%, 2%, 29%
CMY	0.8353, 0.9843, 0.7137
CMYK	0.42, 0.95, 0.00, 0.71
HSL	273°, 90%, 15%
HSV	273°, 95%, 29%
XYZ	2.2009, 1.0601, 6.3920
YIQ	23.2280, 0.4990, 29.5150

Conversions

Conversions Part 2

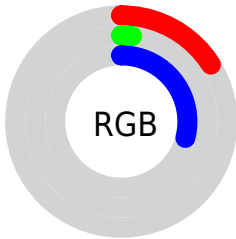
Format	Color
RYB	42, 4, 73
Decimal	2753609
CIELab	9.48, 32.67, -33.79
CIElCh	9, 47.007, 314.035
Yxy	1.0601, 0.2280, 0.1098
Android (android.graphics.Color)	4280943689 (0xFF2A0449)
YUV	23.2280, 24.5376, 16.4630
Hunter-Lab	10.2962, 20.1370, -29.6004

Details

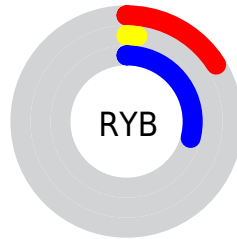
The Hex color **2A0449** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **234904**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5C337A**, and **00021C** is the 20% darker color. If you saturate the color by 10%, you get **280049**, and if you desaturate by 10%, it is **2D0B49**.

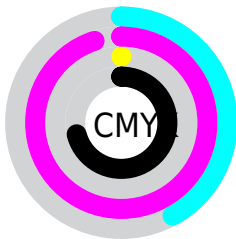
Distribution



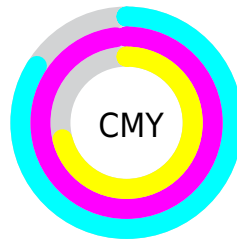
- Red (16%)
- Green (2%)
- Blue (29%)



- Red (16%)
- Yellow (2%)
- Blue (29%)



- Cyan (42%)
- Magenta (95%)
- Yellow (0%)
- Black (71%)



- Cyan (84%)
- Magenta (98%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0449 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 2A0449 by changing the saturation by 10% instead.

■ 2A0449

■ 2A0449

■ FFEAFF

■ 180032

■ 5C337A

■ 00021C

■ 754B94

■ 000000

■ 9063AF

■ AB7DCB

■ C797E7

■ E4B2FF

■ FFCEFF

■ 2A0449

■ 2A0449

■ 280049

■ 2D0B49

■ 311349

■ 341A49

■ 372149

■ 3A2949

■ 3E3049

■ 413749

■ 443E49

■ 484649

Harmonies

Analogous

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



001B5A



2A0449



47002D

Triad

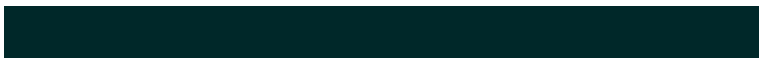
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A0449



301200



002829

Complementary

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



2A0449



234904

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.



002701



2A0449



141E00

Square

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



2A0449



430000



002400



002847

Rectangle

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



2A0449



4D0018



002400



00271E

Sweetspot

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



2A0449



52445E



042349



292030



B0B0B0



303030

Same Dimension

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



2A0449



34005E



490446



222024



370063



7D00E3

Inverse Universe

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



490423



5E002A



044907



242022



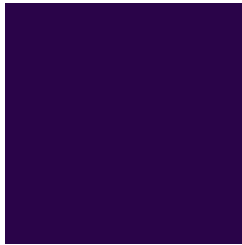
63002D



E30066

Previews

White Background



This preview shows how the Hex color 2A0449 looks on a white background.

Color Contrast Check

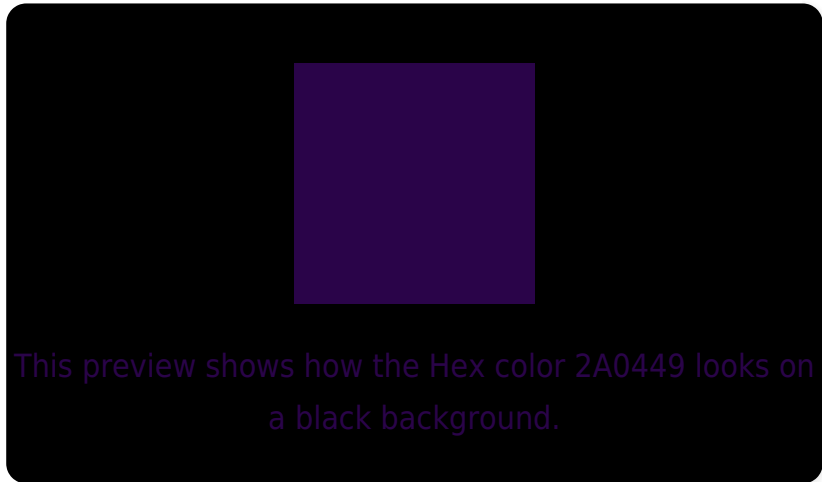
Large Text (above 18pt) WCAG AA ✓ Pass

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

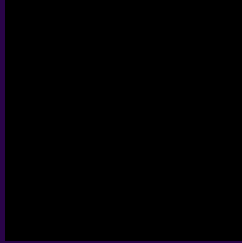
Any Text WCAG AA × Fail

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 2A0449 Background



This preview shows how black text looks on a background with the Hex color 2A0449.



This preview shows how white text looks on a background with the Hex color 2A0449.

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
2A0449

Protanopia
001D3C

Deuteranopia
001F34



Tritanopia
211D1F

Trichromacy



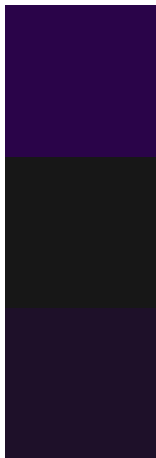
Original Color
2A0449

Protanomaly
0F1441

Deuteranomaly
0F153C

Tritanomaly
24142E

Monochromacy



Original Color
2A0449

Achromatopsia
171717

Achromatomaly
1E1029

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0449 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 #2A0449 looks like.

```
.text, #text, p{  
    color:#2A0449  
}
```

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 #2A0449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0449
}
```

Border

The CSS property to change the border of an element to Hex 2A0449 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".

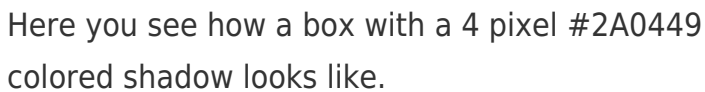
```
.border, #border, table{ border:4px solid
#2A0449 }
```

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

```
.border{ border-color:#2A0449 }
```

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

Here you see how a box with a 4 pixel #2A0449 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0449; -webkit-box-shadow:4px 4px  
4px 4px #2A0449; box-shadow:4px 4px 4px  
4px #2A0449 }
```

Background

The CSS property to change the background color of an element to Hex 2A0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0449 }
```

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

```
.background{ background-color:#2A0449 }
```

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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