

Converting Colors

Hex(2A0C48)

Have a look what the booklet for
Hex(2A0C48) contains.

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Color

Hex(2A0C48)

Conversions

Conversions Part 1

Format	Color
Hex	2A0C48
RGB	42, 12, 72
RGB Percent	16%, 5%, 28%
CMY	0.8353, 0.9529, 0.7176
CMYK	0.42, 0.83, 0.00, 0.72
HSL	270°, 71%, 16%
HSV	270°, 83%, 28%
XYZ	2.2560, 1.2231, 6.2481
YIQ	27.8100, -1.3800, 25.0200

Conversions

Conversions Part 2

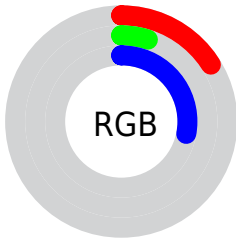
Format	Color
RYB	42, 12, 72
Decimal	2755656
CIELab	10.73, 28.49, -31.06
CIElCh	11, 42.151, 312.531
Yxy	1.2231, 0.2319, 0.1257
Android (android.graphics.Color)	4280945736 (0xFF2A0C48)
YUV	27.8100, 21.7857, 12.4446
Hunter-Lab	11.0592, 17.0593, -25.7552

Details

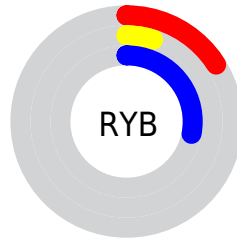
The Hex color **2A0C48** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2A480C**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5B3979**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **260548**, and if you desaturate by 10%, it is **2E1348**.

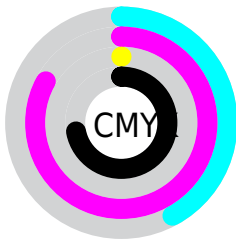
Distribution



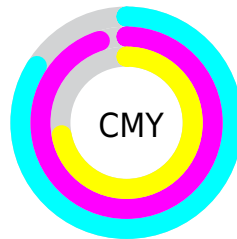
- Red (16%)
- Green (5%)
- Blue (28%)



- Red (16%)
- Yellow (5%)
- Blue (28%)



- Cyan (42%)
- Magenta (83%)
- Yellow (0%)
- Black (72%)



- Cyan (84%)
- Magenta (95%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0C48 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 2A0C48 by changing the saturation by 10% instead.

 2A0C48

 2A0C48

 FFF0FF

 180031

 5B3979

 00011B

 755193

 000000

 8F69AE

 AA83CA

 C69DE6

 E2B8FF

 FFD4FF

 2A0C48

 2A0C48

■ 260548

■ 2E1348

■ 240048

■ 311A48

■ 352248

■ 382948

■ 3C3048

■ 403748

■ 433E48

■ 474648

■ 4A4D48

Harmonies

Analogous

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



001D56



2A0C48



45002F

Triad

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



2A0C48



331500



002A29

Complementary

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



2A0C48



2A480C

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.



002806



2A0C48



1A2000

Square

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



2A0C48



440000



002500



002944

Rectangle

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



2A0C48



4B001C



002500



00291F

Sweetspot

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



2A0C48



53475E



0C2A48



292230



B0B0B0



303030

Same Dimension

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



2A0C48



2F005E



480C48



222024



320063



7100E3

Inverse Universe

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



480C2A



5E002F



0C480C



242022



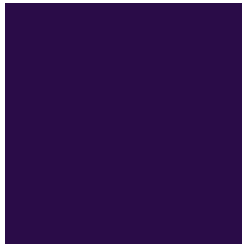
630032



E30071

Previews

White Background



This preview shows how the Hex color 2A0C48 looks on a white background.

Color Contrast Check

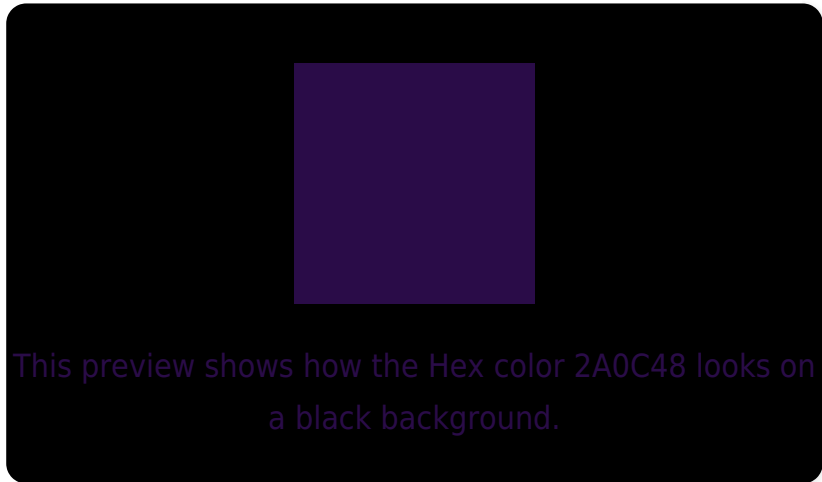
Large Text (above 18pt) WCAG AA ✓ Pass

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

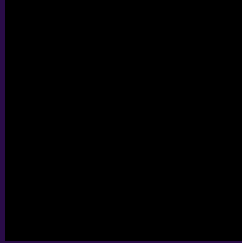
Any Text WCAG AA × Fail

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 2A0C48 Background



This preview shows how black text looks on a background with the Hex color 2A0C48.



This preview shows how white text looks on a background with the Hex color 2A0C48.

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
2A0C48

Protanopia
001E3E

Deuteranopia
002036

Trichromacy



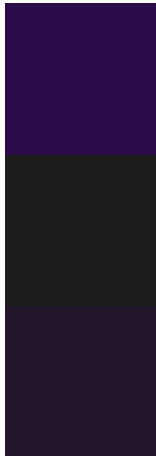
Original Color
2A0C48

Protanomaly
0F1742

Deuteranomaly
0F193D

Tritanomaly
24172F

Monochromacy



Original Color
2A0C48

Achromatopsia
1C1C1C

Achromatomaly
21162C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0C48 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 #2A0C48 looks like.

```
.text, #text, p{  
    color:#2A0C48  
}
```

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 #2A0C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0C48
}
```

Border

The CSS property to change the border of an element to Hex 2A0C48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

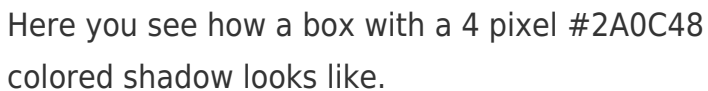
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0C48 }
```

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

```
.border{ border-color:#2A0C48 }
```

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



Here you see how a box with a 4 pixel #2A0C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0C48; -webkit-box-shadow:4px 4px  
4px 4px #2A0C48; box-shadow:4px 4px 4px  
4px #2A0C48 }
```

Background

The CSS property to change the background color of an element to Hex 2A0C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0C48 }
```

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

```
.background{ background-color:#2A0C48 }
```

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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