

Converting Colors

Hex(2A017C)

Have a look what the booklet for
Hex(2A017C) contains.

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Color

Hex(2A017C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2A017C |
| RGB | 42, 1, 124 |
| RGB Percent | 16%, 0%, 49% |
| CMY | 0.8353, 0.9961, 0.5137 |
| CMYK | 0.66, 0.99, 0.00, 0.51 |
| HSL | 260°, 98%, 25% |
| HSV | 260°, 99%, 49% |
| XYZ | 4.6038, 1.9692, 19.2062 |
| YIQ | 27.2810, -15.0470, 46.9450 |

Conversions

Conversions Part 2

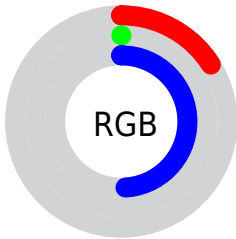
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 42, 1, 124 |
| Decimal | 2752892 |
| CIELab | 15.32, 47.24, -58.16 |
| CIELCh | 15, 74.927, 309.087 |
| Yxy | 1.9692, 0.1786, 0.0764 |
| Android (android.graphics.Color) | 4280942972 (0xFF2A017C) |
| YUV | 27.2810, 47.6825, 12.9086 |
| Hunter-Lab | 14.0328, 34.0039, -71.3255 |

Details

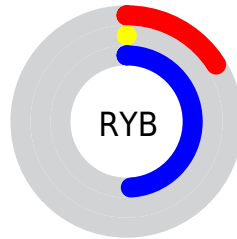
The Hex color **2A017C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **537C01**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6537B2**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **29007C**, and if you desaturate by 10%, it is **320D7C**.

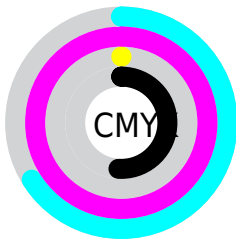
Distribution



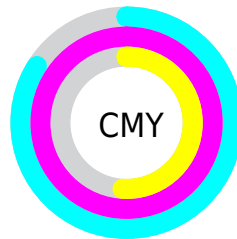
- Red (16%)
- Green (0%)
- Blue (49%)



- Red (16%)
- Yellow (0%)
- Blue (49%)



- Cyan (66%)
- Magenta (99%)
- Yellow (0%)
- Black (51%)



- Cyan (84%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A017C 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 2A017C by changing the saturation by 10% instead.

 2A017C

 2A017C

 FFF2FF

 000062

 6537B2

 00004A

 814FCE

 000432

 9D69EA

 00021C

 BA83FF

 000000

 D79EFF

 F5B9FF

 FFD5FF

 2A017C

 2A017C

■ 29007C

■ 320D7C

■ 3B1A7C

■ 43267C

■ 4B337C

■ 533F7C

■ 5C4B7C

■ 64587C

■ 6C647C

■ 74717C

Harmonies

Analogous

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



002C95



2A017C



6B004E

Triad

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



2A017C



4D1100



003736

Complementary

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



2A017C



537C01

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.



003600



2A017C



222A00

Square

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



2A017C



6B0000



003200



00396A

Rectangle

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



2A017C



78002B



003200



003723

Sweetspot

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



2A017C



8170A1



01537C



3E3452



D1D1D1



525252

Same Dimension

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



2A017C



3600A1



68017C



39373D



2A007D



5400FC

Inverse Universe

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



7C0153



A1006B



157C01



3D373B



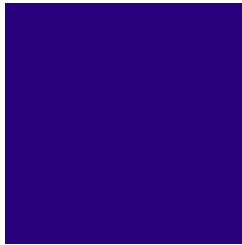
7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 2A017C looks on a white background.

Color Contrast Check

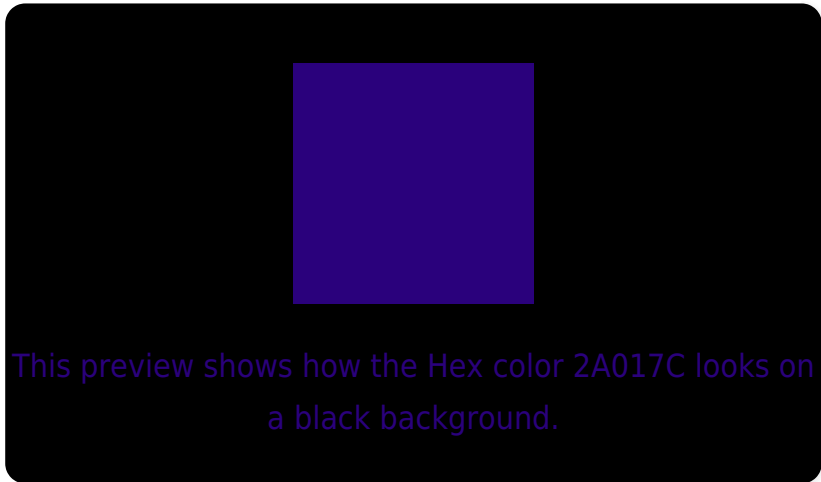
Large Text (above 18pt) WCAG AA ✓ Pass

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

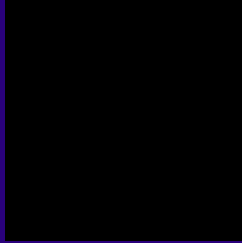
Any Text WCAG AA × Fail

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 2A017C Background



This preview shows how black text looks on a background with the Hex color 2A017C.



This preview shows how white text looks on a background with the Hex color 2A017C.

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
2A017C

Protanopia
002955

Deuteranopia
002B48

Trichromacy



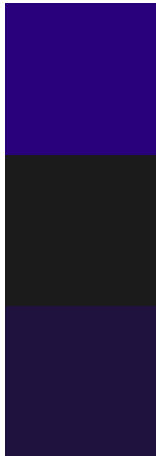
Original Color
2A017C

Protanomaly
0F1A63

Deuteranomaly
0F1C5B

Tritanomaly
0F1E4D

Monochromacy



Original Color
2A017C

Achromatopsia
1B1B1B

Achromatomaly
20123E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A017C 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 #2A017C looks like.

```
.text, #text, p{  
    color:#2A017C  
}
```

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 #2A017C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A017C
}
```

Border

The CSS property to change the border of an element to Hex 2A017C is called "border". The border property can be set on classes, ids or directly on the HTML element.

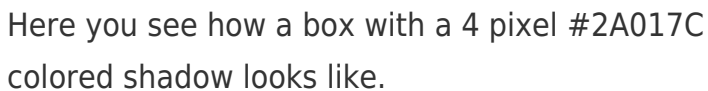
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A017C }
```

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

```
.border{ border-color:#2A017C }
```

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



Here you see how a box with a 4 pixel #2A017C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A017C; -webkit-box-shadow:4px 4px  
4px 4px #2A017C; box-shadow:4px 4px 4px  
4px #2A017C }
```

Background

The CSS property to change the background color of an element to Hex 2A017C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A017C }
```

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

```
.background{ background-color:#2A017C }
```

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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