

Converting Colors

Hex(2A0384)

Have a look what the booklet for
Hex(2A0384) contains.

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Color

Hex(2A0384)

Conversions

Conversions Part 1

Format	Color
Hex	2A0384
RGB	42, 3, 132
RGB Percent	16%, 1%, 52%
CMY	0.8353, 0.9882, 0.4824
CMYK	0.68, 0.98, 0.00, 0.48
HSL	258°, 96%, 26%
HSV	258°, 98%, 52%
XYZ	5.1523, 2.2233, 21.9874
YIQ	29.3670, -18.1650, 48.3870

Conversions

Conversions Part 2

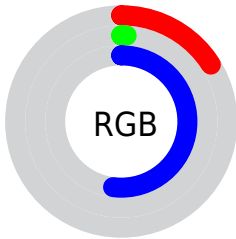
Format	Color
R_{YB}	42, 3, 132
Decimal	2753412
CIE _{Lab}	16.62, 48.63, -61.10
CIE _{LCh}	17, 78.092, 308.520
Yxy	2.2233, 0.1755, 0.0757
Android (android.graphics.Color)	4280943492 (0xFF2A0384)
YUV	29.3670, 50.5981, 11.0791
Hunter-Lab	14.9108, 35.5851, -76.9914

Details

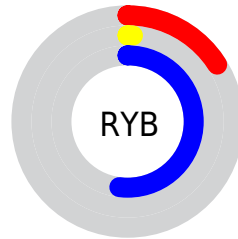
The Hex color **2A0384** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5D8403**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6639BA**, and **000051** is the 20% darker color. If you saturate the color by 10%, you get **280084**, and if you desaturate by 10%, it is **331084**.

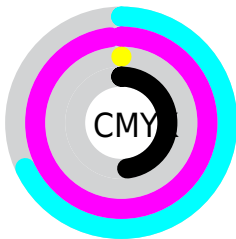
Distribution



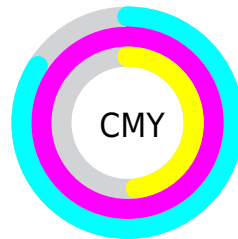
- Red (16%)
- Green (1%)
- Blue (52%)



- Red (16%)
- Yellow (1%)
- Blue (52%)



- Cyan (68%)
- Magenta (98%)
- Yellow (0%)
- Black (48%)



- Cyan (84%)
- Magenta (99%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0384 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 2A0384 by changing the saturation by 10% instead.

 2A0384

 2A0384

 FFF5FF

 00006A

 6639BA

 000051

 8352D7

 000539

 A06BF3

 000222

 BD86FF

 000009

 DAA0FF

 000000

 F8BCFF

 FFD8FF

 2A0384

 2A0384

■ 280084

■ 331084

■ 3C1D84

■ 462B84

■ 4F3884

■ 584584

■ 615284

■ 6A5F84

■ 746D84

■ 7D7A84

Harmonies

Analogous

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



00309D



2A0384



700053

Triad

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



2A0384



521200



003B39

Complementary

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



2A0384



5D8403

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.



003A00



2A0384



252D00

Square

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



2A0384



720000



003600



003C70

Rectangle

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



2A0384



7E002F



003600



003A25

Sweetspot

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



2A0384



8879AB



035D84



423857



D6D6D6



575757

Same Dimension

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



2A0384



3400AB



6A0384



3E3C42



270082



010003

Inverse Universe

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



84035D



AB0077



1D8403



423C40



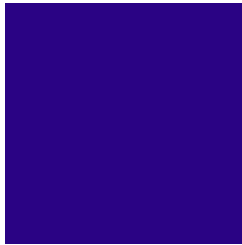
82005B



030002

Previews

White Background



This preview shows how the Hex color 2A0384 looks on a white background.

Color Contrast Check

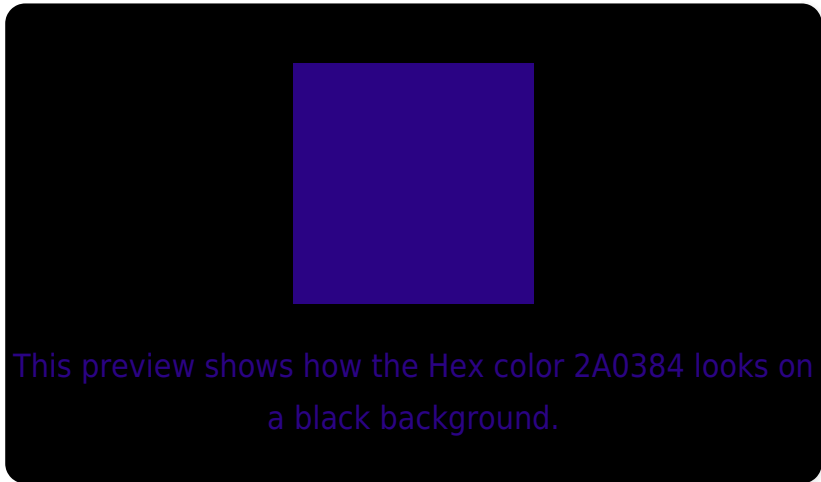
Large Text (above 18pt) WCAG AA ✓ Pass

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

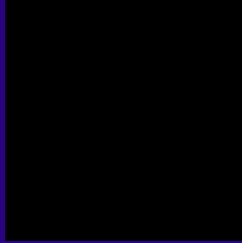
Any Text WCAG AA × Fail

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 2A0384 Background



This preview shows how black text looks on a background with the Hex color 2A0384.



This preview shows how white text looks on a background with the Hex color 2A0384.

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
2A0384

Protanopia
002B5A

Deuteranopia
002E4C

Trichromacy



Original Color
2A0384

Protanomaly
0F1C69

Deuteranomaly
0F1E60

Tritanomaly
0F2051

Monochromacy



Original Color
2A0384

Achromatopsia
1D1D1D

Achromatomaly
221442

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0384 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 #2A0384 looks like.

```
.text, #text, p{  
    color:#2A0384  
}
```

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 #2A0384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0384
}
```

Border

The CSS property to change the border of an element to Hex 2A0384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

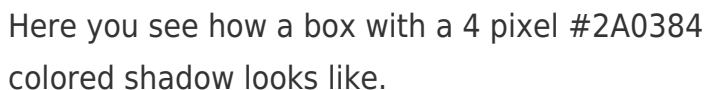
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0384 }
```

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

```
.border{ border-color:#2A0384 }
```

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



Here you see how a box with a 4 pixel #2A0384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0384; -webkit-box-shadow:4px 4px  
4px 4px #2A0384; box-shadow:4px 4px 4px  
4px #2A0384 }
```

Background

The CSS property to change the background color of an element to Hex 2A0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0384 }
```

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

```
.background{ background-color:#2A0384 }
```

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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