

Converting Colors

Hex(2A0994)

Have a look what the booklet for
Hex(2A0994) contains.

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Color

Hex(2A0994)

Conversions

Conversions Part 1

Format	Color
Hex	2A0994
RGB	42, 9, 148
RGB Percent	16%, 4%, 58%
CMY	0.8353, 0.9647, 0.4196
CMYK	0.72, 0.94, 0.00, 0.42
HSL	254°, 89%, 31%
HSV	254°, 94%, 58%
XYZ	6.3978, 2.8257, 28.2252
YIQ	34.7130, -24.9510, 50.2250

Conversions

Conversions Part 2

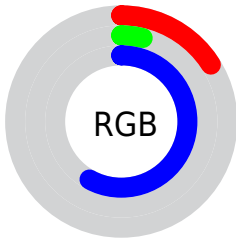
Format	Color
R _Y B	42, 9, 148
Decimal	2754964
CIE Lab	19.33, 51.10, -66.61
CIE LCh	19, 83.949, 307.495
Yxy	2.8257, 0.1708, 0.0755
Android (android.graphics.Color)	4280945044 (0xFF2A0994)
YUV	34.7130, 55.8505, 6.3907
Hunter-Lab	16.8099, 38.5195, -87.7857

Details

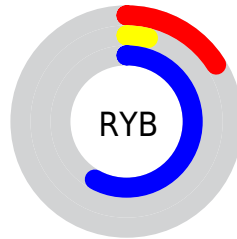
The Hex color **2A0994** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **739409**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6A3ECB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **230094**, and if you desaturate by 10%, it is **351894**.

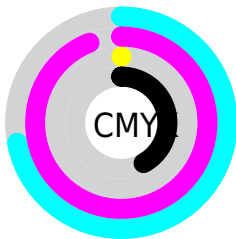
Distribution



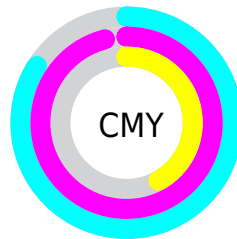
- Red (16%)
- Green (4%)
- Blue (58%)



- Red (16%)
- Yellow (4%)
- Blue (58%)



- Cyan (72%)
- Magenta (94%)
- Yellow (0%)
- Black (42%)



- Cyan (84%)
- Magenta (96%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0994 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 2A0994 by changing the saturation by 10% instead.

 2A0994

 2A0994

 FFFCFF

 000079

 6A3ECB

 000060

 8757E8

 000447

 A471FF

 00042F

 C28CFF

 00011A

 DFA7FF

 000000

 FEC2FF

 FFDFFF

 2A0994

 2A0994

■ 230094

■ 351894

■ 412794

■ 4C3594

■ 574494

■ 625394

■ 6E6294

■ 797194

■ 847F94

■ 908E94

Harmonies

Analogous

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



0037AF



2A0994



7C005F

Triad

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



2A0994



5E1400



00423E

Complementary

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



2A0994



739409

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.



004000



2A0994



2D3200

Square

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



2A0994



800000



003C00



00447B

Rectangle

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



2A0994



8C0037



003C00



004228

Sweetspot

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



2A0994



968ABF



097494



484061



E0E0E0



616161

Same Dimension

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



2A0994



2D00BF



6F0994



44434A



21008A



02000A

Inverse Universe

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



940973



BF0092



2E9409



4A4348



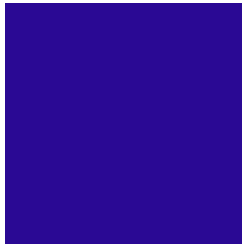
8A0069



0A0008

Previews

White Background



This preview shows how the Hex color 2A0994 looks on a white background.

Color Contrast Check

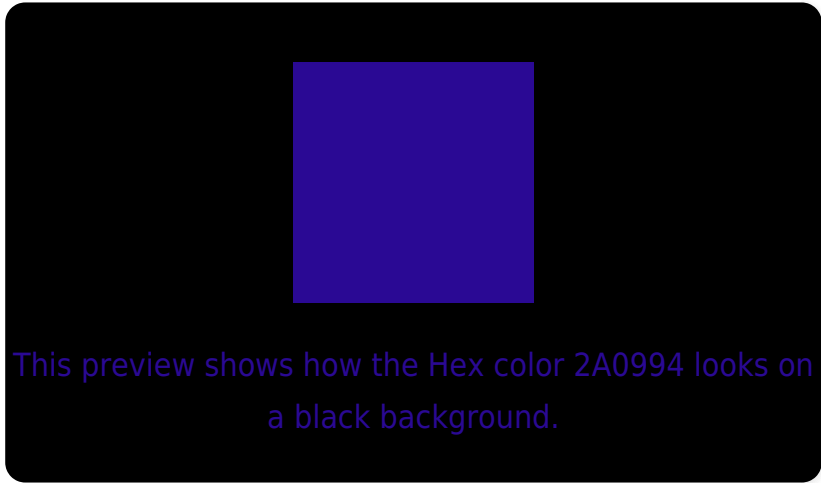
Large Text (above 18pt) WCAG AA ✓ Pass

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

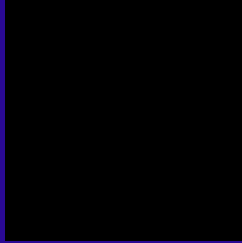
Any Text WCAG AA × Fail

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 2A0994 Background



This preview shows how black text looks on a background with the Hex color 2A0994.



This preview shows how white text looks on a background with the Hex color 2A0994.

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
2A0994

Protanopia
002F63

Deuteranopia
003254

Trichromacy



Original Color
2A0994

Protanomaly
0F2175

Deuteranomaly
0F236B

Tritanomaly
0F265A

Monochromacy



Original Color
2A0994

Achromatopsia
232323

Achromatomaly
261A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0994 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 #2A0994 looks like.

```
.text, #text, p{  
    color:#2A0994  
}
```

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 #2A0994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0994
}
```

Border

The CSS property to change the border of an element to Hex 2A0994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

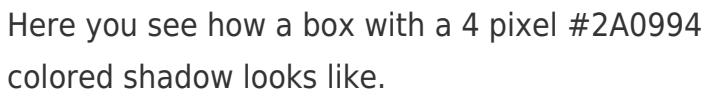
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0994 }
```

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

```
.border{ border-color:#2A0994 }
```

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



Here you see how a box with a 4 pixel #2A0994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0994; -webkit-box-shadow:4px 4px  
4px 4px #2A0994; box-shadow:4px 4px 4px  
4px #2A0994 }
```

Background

The CSS property to change the background color of an element to Hex 2A0994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0994 }
```

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

```
.background{ background-color:#2A0994 }
```

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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