

Converting Colors

Hex(321094)

Have a look what the booklet for
Hex(321094) contains.

Hex(321094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(321094)

Conversions

Conversions Part 1

Format	Color
Hex	321094
RGB	50, 16, 148
RGB Percent	20%, 6%, 58%
CMY	0.8039, 0.9373, 0.4196
CMYK	0.66, 0.89, 0.00, 0.42
HSL	255°, 80%, 32%
HSV	255°, 89%, 58%
XYZ	6.8460, 3.1868, 28.2713
YIQ	41.2140, -22.1080, 48.2600

Conversions

Conversions Part 2

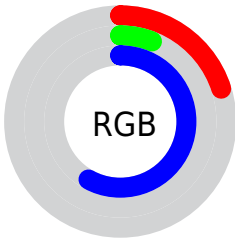
Format	Color
R_{YB}	50, 16, 148
Decimal	3281044
CIE _{Lab}	20.78, 49.51, -64.18
CIE _{LCh}	21, 81.062, 307.647
Yxy	3.1868, 0.1787, 0.0832
Android (android.graphics.Color)	4281471124 (0xFF321094)
YUV	41.2140, 52.6455, 7.7053
Hunter-Lab	17.8516, 37.2131, -81.4002

Details

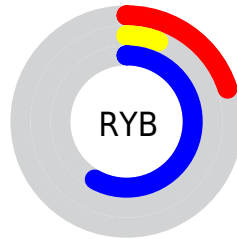
The Hex color **321094** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **729410**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6F43CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **270194**, and if you desaturate by 10%, it is **3D1F94**.

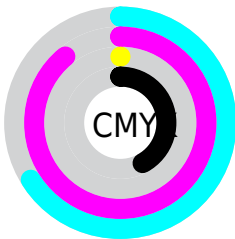
Distribution



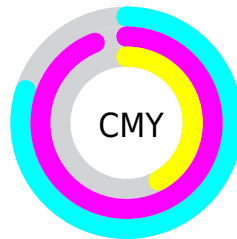
- Red (20%)
- Green (6%)
- Blue (58%)



- Red (20%)
- Yellow (6%)
- Blue (58%)



- Cyan (66%)
- Magenta (89%)
- Yellow (0%)
- Black (42%)



- Cyan (80%)
- Magenta (94%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321094 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 321094 by changing the saturation by 10% instead.

■ 321094

■ 321094

FFFFFF

■ 010079

■ 6F43CB

■ 000060

■ 8C5CE8

■ 000147

■ A976FF

■ 000430

■ C690FF

■ 00011A

■ E4ACFF

■ 000000

■ FFC7FF

■ FFE4FF

■ 321094

■ 321094

■ 270194

■ 3D1F94

■ 260094

■ 482E94

■ 533C94

■ 5E4B94

■ 695A94

■ 746994

■ 7F7894

■ 8A8694

■ 959594

Harmonies

Analogous

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



0039AE



321094



7E0061

Triad

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



321094



611900



004541

Complementary

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



321094



729410

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.



004300



321094



313500

Square

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



321094



820000



003F00



00467C

Rectangle

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



321094



8E003A



003F00



00452C

Sweetspot

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



321094



998CBF



107394



4A4261



E0E0E0



616161

Same Dimension

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



321094



3100BF



731094



44434A



23008A



03000A

Inverse Universe

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



941072



BF008E



319410



4A4348



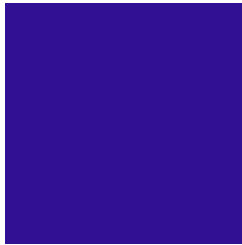
8A0066



0A0008

Previews

White Background



This preview shows how the Hex color 321094 looks on a white background.

Color Contrast Check

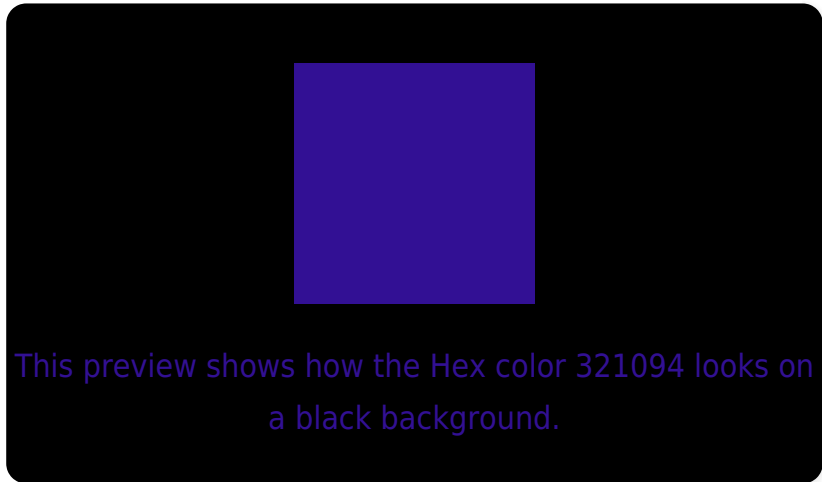
Large Text (above 18pt) WCAG AA ✓ Pass

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

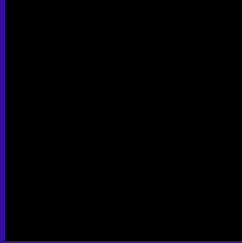
Any Text WCAG AA × Fail

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 321094 Background



This preview shows how black text looks on a background with the Hex color 321094.



This preview shows how white text looks on a background with the Hex color 321094.

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


321094

Protanopia

003268

Deuteranopia

003559



Tritanopia
00393D

Trichromacy



Original Color
321094

Protanomaly
122678

Deuteranomaly
12286E

Tritanomaly
122A5D

Monochromacy



Original Color
321094

Achromatopsia
292929

Achromatomaly
2C2050

CSS Examples

Text

The CSS property to change the color of the text to Hex 321094 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 #321094 looks like.

```
.text, #text, p{  
    color:#321094  
}
```

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 #321094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321094
}
```

Border

The CSS property to change the border of an element to Hex 321094 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".

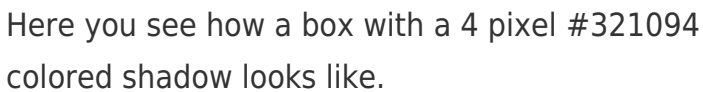
```
.border, #border, table{ border:4px solid
#321094 }
```

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

```
.border{ border-color:#321094 }
```

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

Here you see how a box with a 4 pixel #321094 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321094; -webkit-box-shadow:4px 4px  
4px 4px #321094; box-shadow:4px 4px 4px  
4px #321094 }
```

Background

The CSS property to change the background color of an element to Hex 321094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321094 }
```

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

```
.background{ background-color:#321094 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor