

# Converting Colors

Hex(321C8B)

Have a look what the booklet for  
Hex(321C8B) contains.

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# Color

**Hex(321C8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	321C8B
RGB	50, 28, 139
RGB Percent	20%, 11%, 55%
CMY	0.8039, 0.8902, 0.4549
CMYK	0.64, 0.80, 0.00, 0.45
HSL	252°, 66%, 33%
HSV	252°, 80%, 55%
XYZ	6.3908, 3.3727, 24.7403
YIQ	47.2320, -22.5190, 39.1850

# Conversions

## Conversions Part 2

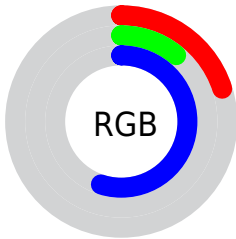
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 28, 139
Decimal	3284107
CIE <sub>Lab</sub>	21.48, 41.77, -57.42
CIE <sub>LCh</sub>	21, 71.010, 306.034
Yxy	3.3727, 0.1852, 0.0977
Android (android.graphics.Color)	4281474187 (0xFF321C8B)
YUV	47.2320, 45.2416, 2.4275
Hunter-Lab	18.3649, 29.9781, -67.0170

# Details

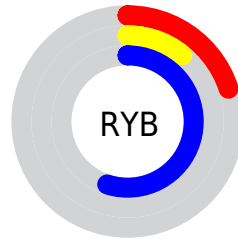
The Hex color **321C8B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **758B1C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6C4BC2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **270E8B**, and if you desaturate by 10%, it is **3D2A8B**.

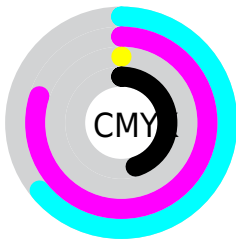
# Distribution



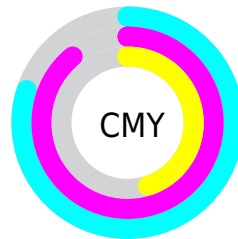
- Red (20%)
- Green (11%)
- Blue (55%)



- Red (20%)
- Yellow (11%)
- Blue (55%)



- Cyan (64%)
- Magenta (80%)
- Yellow (0%)
- Black (45%)



- Cyan (80%)
- Magenta (89%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 321C8B 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 321C8B by changing the saturation by 10% instead.





321C8B



321C8B

FFFFFF



090471



6C4BC2



000058



8964DE



00033F



A57EFB



000328



C298FF



000112



DFB3FF



000000



FDCFFF



FFEBFF



321C8B



321C8B

■ 270E8B

■ 3D2A8B

■ 1C008B

■ 48388B

■ 53468B

■ 5F548B

■ 6A628B

■ 756F8B

■ 807D8B

■ 8B8B8B

■ 96998B

# Harmonies

## Analogous

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



003AA0



321C8B



75005F

# Triad

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



321C8B



601D00



00453D

# Complementary

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



321C8B



758B1C

# 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



321C8B



373600

# Square

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



321C8B



7E0000



004000



004672

# Rectangle

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



321C8B



85003D



004000



00452B



# Sweetspot

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



321C8B



928AB5



1C778B



46415C



DBDBDB



5C5C5C



# Same Dimension

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



321C8B



2A07B5



681C8B



3F3E45



1A0085



010005



# Inverse Universe

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



8B1C75



B50793



3F8B1C



453E43



85006A

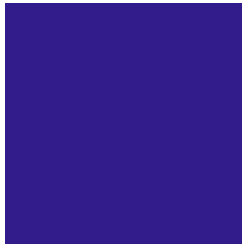


050004



# Previews

## White Background



This preview shows how the Hex color 321C8B looks on a white background.

## Color Contrast Check

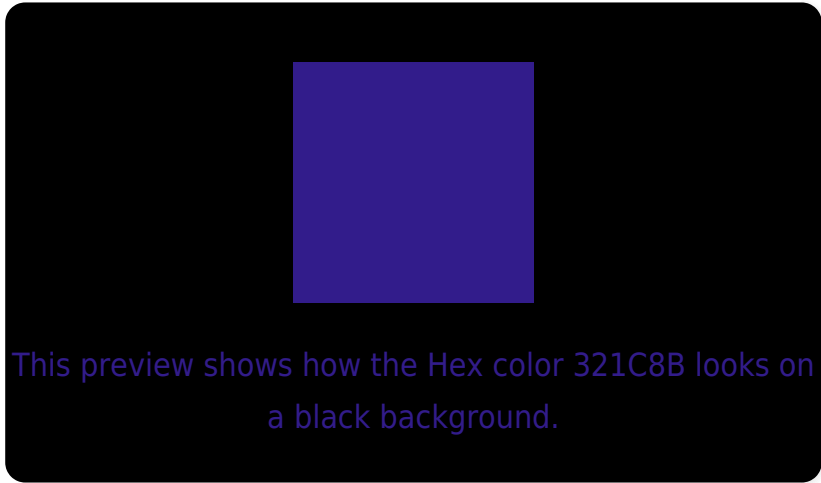
Large Text (above 18pt) WCAG AA ✓ Pass

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

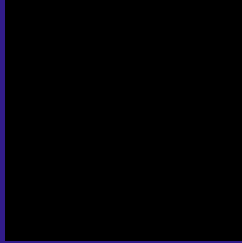
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 321C8B Background



This preview shows how black text looks on a background with the Hex color 321C8B.



This preview shows how white text looks on a background with the Hex color 321C8B.

# 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**  
321C8B

**Protanopia**  
00326A

**Deuteranopia**  
00365B



**Tritanopia**  
003A3E

# Trichromacy



**Original Color**  
321C8B

**Protanomaly**  
122A76

**Deuteranomaly**  
122D6C

**Tritanomaly**  
122F5A

# Monochromacy



**Original Color**  
321C8B

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
302850

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 321C8B 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 #321C8B looks like.

```
.text, #text, p{  
    color:#321C8B  
}
```

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 #321C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321C8B
}
```

## Border

The CSS property to change the border of an element to Hex 321C8B 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
#321C8B }
```

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

```
.border{ border-color:#321C8B }
```

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

Here you see how a box with a 4 pixel #321C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321C8B; -webkit-box-shadow:4px 4px  
4px 4px #321C8B; box-shadow:4px 4px 4px  
4px #321C8B }
```

# Background

The CSS property to change the background color of an element to Hex 321C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321C8B }
```

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

```
.background{ background-color:#321C8B }
```

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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