

Converting Colors

Hex(322DB1)

Have a look what the booklet for
Hex(322DB1) contains.

| | |
|--|----|
| Hex(322DB1) | 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(322DB1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 322DB1 |
| RGB | 50, 45, 177 |
| RGB Percent | 20%, 18%, 69% |
| CMY | 0.8039, 0.8235, 0.3059 |
| CMYK | 0.72, 0.75, 0.00, 0.31 |
| HSL | 242°, 59%, 44% |
| HSV | 242°, 75%, 69% |
| XYZ | 10.1896, 5.7292, 42.1638 |
| YIQ | 61.5430, -39.3920, 42.1120 |

Conversions

Conversions Part 2

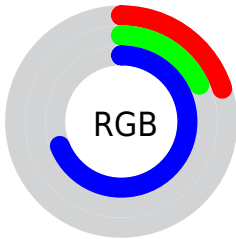
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 50, 45, 177 |
| Decimal | 3288497 |
| CIELab | 28.72, 44.77, -68.68 |
| CIELCh | 29, 81.981, 303.102 |
| Yxy | 5.7292, 0.1754, 0.0986 |
| Android (android.graphics.Color) | 4281478577 (0xFF322DB1) |
| YUV | 61.5430, 56.9203, -10.1232 |
| Hunter-Lab | 23.9358, 34.1009, -87.6866 |

Details

The Hex color **322DB1** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **ACB12D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **735DEA**, and **00017B** is the 20% darker color. If you saturate the color by 10%, you get **211BB1**, and if you desaturate by 10%, it is **433FB1**.

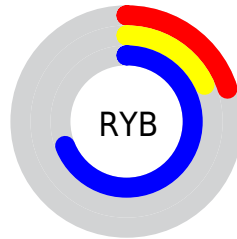
Distribution



Red (20%)

Green (18%)

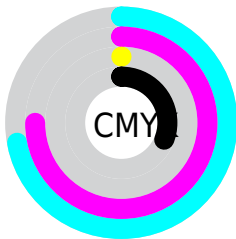
Blue (69%)



Red (20%)

Yellow (18%)

Blue (69%)

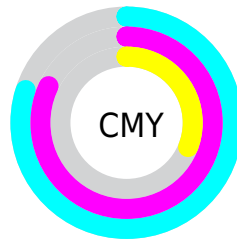


Cyan (72%)

Magenta (75%)

Yellow (0%)

Black (31%)



Cyan (80%)

Magenta (82%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322DB1 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 322DB1 by changing the saturation by 10% instead.

 322DB1

 322DB1

FFFFFF

 001696

 735DEA

 00017B

 9176FF

 000061

 AF90FF

 000848

 CCABFF

 000431

 EBC6FF


 00011B

 FFE3FF

 000000

 322DB1

 322DB1

 211BB1

 433FB1

■ 100AB1

■ 5450B1

■ 0700B1

■ 6562B1

■ 7674B1

■ 8786B1

■ 9897B1

■ A9A9B1

■ BABBB1

■ CBCCB1

Harmonies

Analogous

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



004DC7



322DB1



8F007F

Triad

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



322DB1



7F2400



005949

Complementary

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



322DB1



ACB12D

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.



005700



322DB1



4E4400

Square

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



322DB1



A00000



005200



005B89

Rectangle

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



322DB1



A50055



005200



005933

Sweetspot

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



322DB1



B5B3E6



2DADB1



565573



F2F2F2



737373

Same Dimension

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



322DB1



2119E6



732DB1



515059



060099



01001A

Inverse Universe

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



B12DAC



E619DE



6BB12D



595059



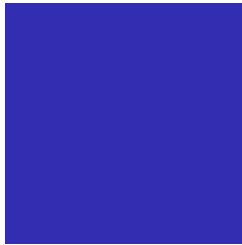
990093



1A0019

Previews

White Background



This preview shows how the Hex color 322DB1 looks on a white background.

Color Contrast Check

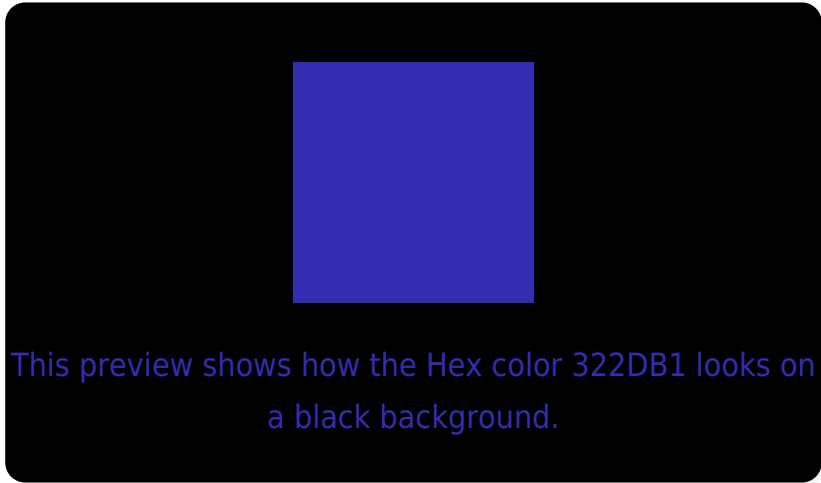
Large Text (above 18pt) WCAG AA ✓ Pass

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

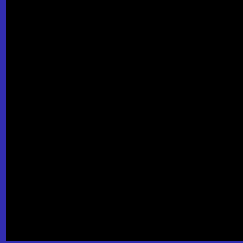
Any Text WCAG AA × Fail

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 322DB1 Background



This preview shows how black text looks on a background with the Hex color 322DB1.



This preview shows how white text looks on a background with the Hex color 322DB1.

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





Tritanopia
004B50

Trichromacy



Original Color
322DB1

Protanomaly
123A98

Deuteranomaly
123D8B

Tritanomaly
124073

Monochromacy



Original Color
322DB1

Achromatopsia
3E3E3E

Achromatomaly
3A3868

CSS Examples

Text

The CSS property to change the color of the text to Hex 322DB1 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 #322DB1 looks like.

```
.text, #text, p{  
    color:#322DB1  
}
```

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 #322DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322DB1
}
```

Border

The CSS property to change the border of an element to Hex 322DB1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

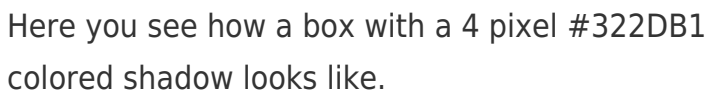
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#322DB1 }
```

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

```
.border{ border-color:#322DB1 }
```

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



Here you see how a box with a 4 pixel #322DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322DB1; -webkit-box-shadow:4px 4px  
4px 4px #322DB1; box-shadow:4px 4px 4px  
4px #322DB1 }
```

Background

The CSS property to change the background color of an element to Hex 322DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322DB1 }
```

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

```
.background{ background-color:#322DB1 }
```

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