

Converting Colors

Hex(322AAB)

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

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Color

Hex(322AAB)

Conversions

Conversions Part 1

Format	Color
Hex	322AAB
RGB	50, 42, 171
RGB Percent	20%, 16%, 67%
CMY	0.8039, 0.8353, 0.3294
CMYK	0.71, 0.75, 0.00, 0.33
HSL	244°, 61%, 42%
HSV	244°, 75%, 67%
XYZ	9.4940, 5.2743, 39.0457
YIQ	59.0980, -36.6410, 41.8150

Conversions

Conversions Part 2

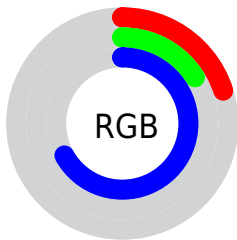
Format	Color
RYB	50, 42, 171
Decimal	3287723
CIELab	27.50, 44.48, -67.09
CIElCh	28, 80.495, 303.546
Yxy	5.2743, 0.1764, 0.0980
Android (android.graphics.Color)	4281477803 (0xFF322AAB)
YUV	59.0980, 55.1677, -7.9789
Hunter-Lab	22.9659, 33.6012, -84.7266

Details

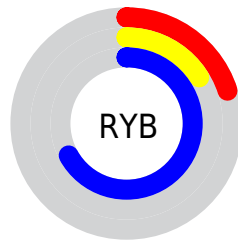
The Hex color **322AAB** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **A3AB2A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **725AE4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **2219AB**, and if you desaturate by 10%, it is **423BAB**.

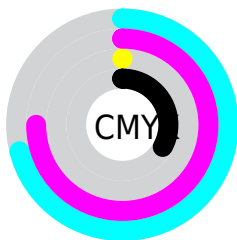
Distribution



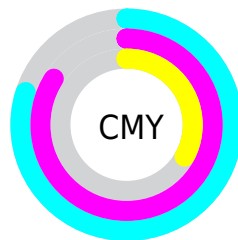
- Red (20%)
- Green (16%)
- Blue (67%)



- Red (20%)
- Yellow (16%)
- Blue (67%)



- Cyan (71%)
- Magenta (75%)
- Yellow (0%)
- Black (33%)



- Cyan (80%)
- Magenta (84%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 322AAB

 322AAB

FFFFFF

 001390

 725AE4

 000075

 9073FF

 00005C

 AD8DFF

 000743

 CBA8FF

 00032C

 E9C3FF

 000116

 FFDFFF

 000000

 FFFCFF

 322AAB

 322AAB

■ 2219AB

■ 423BAB

■ 1208AB

■ 524CAB

■ 0B00AB

■ 625DAB

■ 726EAB

■ 827FAB

■ 9291AB

■ A2A2AB

■ B2B3AB

■ C2C4AB

Harmonies

Analogous

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



004AC1



322AAB



8B0079

Triad

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



322AAB



7A2300



005647

Complementary

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



322AAB



A3AB2A

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.



005400



322AAB



4A4200

Square

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



322AAB



9A0000



004F00



005785

Rectangle

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



322AAB



A00051



004F00



005531

Sweetspot

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



322AAB



AEABDE



2AA5AB



535170



F0F0F0



707070

Same Dimension

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



322AAB



2014DE



712AAB



4F4E57



090096



010017

Inverse Universe

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



AB2AA3



DE14D1



64AB2A



574E56



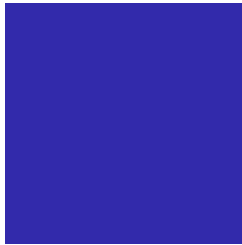
96008D



170016

Previews

White Background



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

Color Contrast Check

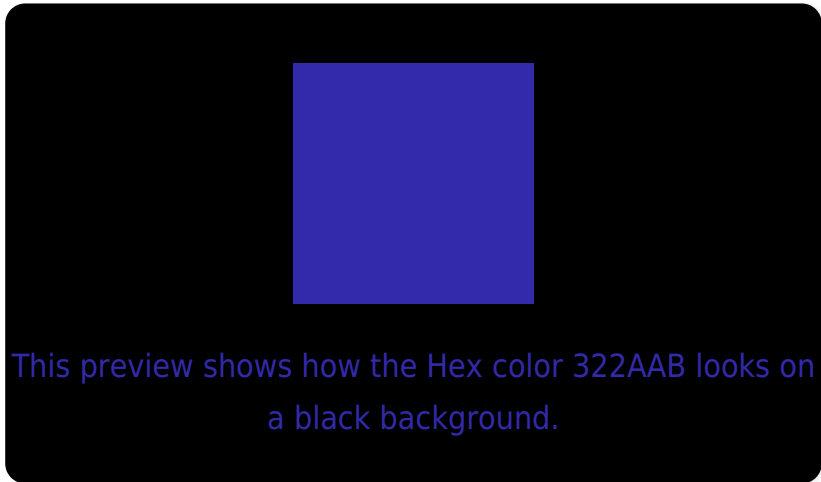
Large Text (above 18pt) WCAG AA ✓ Pass

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

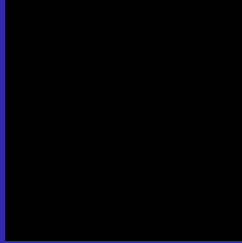
Any Text WCAG AA × Fail

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 322AAB Background



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



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

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
322AAB

Protanopia
003F84

Deuteranopia
004371



Tritanopia
00484D

Trichromacy



Original Color
322AAB

Protanomaly
123792

Deuteranomaly
123A86

Tritanomaly
123D6F

Monochromacy



Original Color
322AAB

Achromatopsia
3B3B3B

Achromatomaly
383564

CSS Examples

Text

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

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

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 #322AAB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 322AAB 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
#322AAB }
```

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

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

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

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

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

Background

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

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

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

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

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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