

Converting Colors

Hex(322CDC)

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

Hex(322CDC)	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(322CDC)

Conversions

Conversions Part 1

Format	Color
Hex	322CDC
RGB	50, 44, 220
RGB Percent	20%, 17%, 86%
CMY	0.8039, 0.8275, 0.1373
CMYK	0.77, 0.80, 0.00, 0.14
HSL	242°, 72%, 52%
HSV	242°, 80%, 86%
XYZ	15.1343, 7.6468, 68.3885
YIQ	65.8580, -52.9200, 56.0080

Conversions

Conversions Part 2

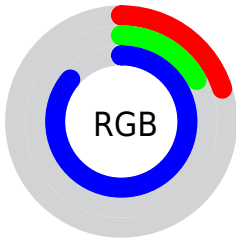
Format	Color
RYB	50, 44, 220
Decimal	3288284
CIELab	33.24, 58.78, -86.39
CIELCh	33, 104.490, 304.232
Yxy	7.6468, 0.1660, 0.0839
Android (android.graphics.Color)	4281478364 (0xFF322CDC)
YUV	65.8580, 75.9920, -13.9075
Hunter-Lab	27.6528, 49.3004, -127.2737

Details

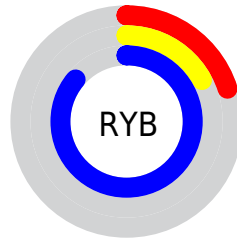
The Hex color **322CDC** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **D6DC2C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7D5EFF**, and **0000A3** is the 20% darker color. If you saturate the color by 10%, you get **1D16DC**, and if you desaturate by 10%, it is **4742DC**.

Distribution



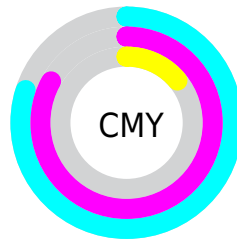
- Red (20%)
- Green (17%)
- Blue (86%)



- Red (20%)
- Yellow (17%)
- Blue (86%)



- Cyan (77%)
- Magenta (80%)
- Yellow (0%)
- Black (14%)



- Cyan (80%)
- Magenta (83%)
- Yellow (14%)

Brightness & Saturation Gradients

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

■ 322CDC

FFFFFF

■ 7D5EFF

■ 9D78FF

■ BD93FF

■ DCAEFF

■ FCCAFF

■ FFE6FF

■ 322CDC

■ 0012BF

■ 0000A3

■ 000088

■ 00006E

■ 000B54

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 322CDC

■ 322CDC

■ 1D16DC

■ 4742DC

■ 0800DC

■ 5D58DC

■ 726EDC

■ 8784DC

■ 9C9ADC

■ B2B0DC

■ C7C6DC

■ DCDCDC

■ F1F2DC

Harmonies

Analogous

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



005AFB



322CDC



B10098

Triad

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



322CDC



962400



006859

Complementary

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



322CDC



D6DC2C

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.



006600



322CDC



565000

Square

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



322CDC



C20000



006000



006AAC

Rectangle

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



322CDC



CC0062



006000



00673B

Sweetspot

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



322CDC



C4C2FF



2CD6DC



5C5B80



000000



808080

Same Dimension

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



322CDC



130AFF



8A2CDC



63636E



0600AD



02002E

Inverse Universe

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



DC2CD6



FF0AF7



7EDC2C



6E636D



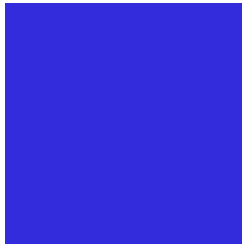
AD00A7



2E002C

Previews

White Background



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

Color Contrast Check

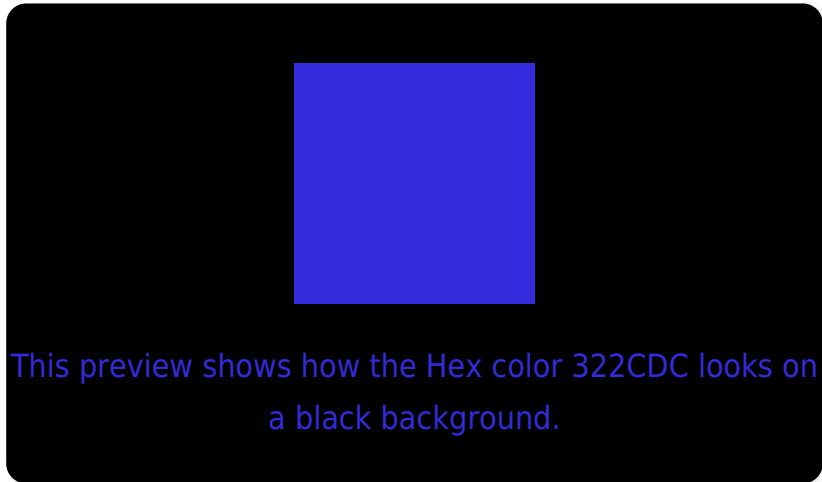
Large Text (above 18pt) WCAG AA ✓ Pass

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

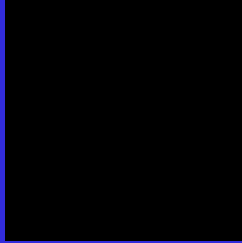
Any Text WCAG AA × Fail

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 322CDC Background



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

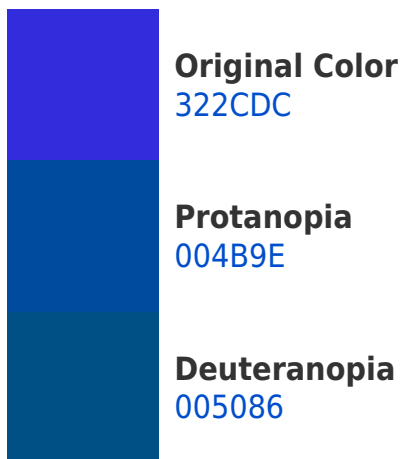


This preview shows how white text looks on a background with the Hex color 322CDC.

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
00565B

Trichromacy



Original Color
322CDC

Protanomaly
1240B5

Deuteranomaly
1243A5

Tritanomaly
12478A

Monochromacy



Original Color
322CDC

Achromatopsia
424242

Achromatomaly
3C3A7A

CSS Examples

Text

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

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

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 #322CDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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