

# Converting Colors

Hex(322FCD)

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

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# Color

Hex(322FCD)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	322FCD
RGB	50, 47, 205
RGB Percent	20%, 18%, 80%
CMY	0.8039, 0.8157, 0.1961
CMYK	0.76, 0.77, 0.00, 0.20
HSL	241°, 63%, 49%
HSV	241°, 77%, 80%
XYZ	13.3514, 7.1189, 58.4280
YIQ	65.9090, -48.9300, 49.7740

# Conversions

## Conversions Part 2

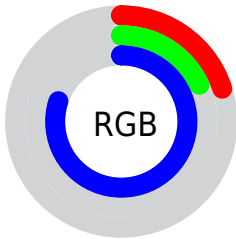
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">50, 47, 205</a>
Decimal	<a href="#">3289037</a>
CIELab	<a href="#">32.08, 52.69, -79.63</a>
CIELCh	<a href="#">32, 95.488, 303.491</a>
Yxy	<a href="#">7.1189, 0.1692, 0.0902</a>
Android (android.graphics.Color)	<a href="#">4281479117 (0xFF322FCD)</a>
YUV	<a href="#">65.9090, 68.5719, -13.9522</a>
Hunter-Lab	<a href="#">26.6813, 42.6293, -111.1592</a>

# Details

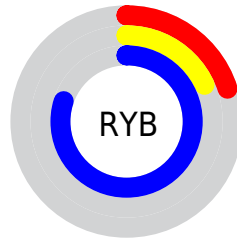
The Hex color **322FCD** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CACD2F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7960FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **1E1BCD**, and if you desaturate by 10%, it is **4644CD**.

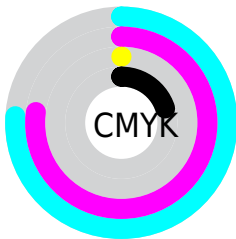
# Distribution



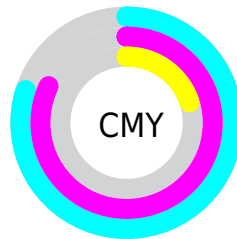
- Red (20%)
- Green (18%)
- Blue (80%)



- Red (20%)
- Yellow (18%)
- Blue (80%)



- Cyan (76%)
- Magenta (77%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (82%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 322FCD

 322FCD

FFFFFF

 0017B1

 7960FF

 000095

 997AFF

 00007A

 B894FF

 000160

 D6AFFF

 000848

 F5CBFF

 000430

 FFE7FF

 00011A

 000000

 322FCD

 322FCD

■ 1E1BCD

■ 4644CD

■ 0A06CD

■ 5A58CD

■ 0400CD

■ 6E6DCD

■ 8281CD

■ 9796CD

■ ABAACD

■ BFBFCD

■ D3D3CD

■ E7E8CD

# Harmonies

## Analogous

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



0057E8



322FCD



A50090

# Triad

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



322FCD



8F2500



006453

# Complementary

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



322FCD



CACD2F

# 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.



006100



322FCD



554D00

# Square

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



322FCD



B70000



005C00



00669F

# Rectangle

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



322FCD



BE005F



005C00



006338



# Sweetspot

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



322FCD



C5C4FF



2FCACD



5C5C80



000000



808080



# Same Dimension

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



322FCD



1914FF



812FCD



5C5C66



0300A6



010026



# Inverse Universe

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



CD2FCA



FF14FB



7BCD2F



665C66



A600A3

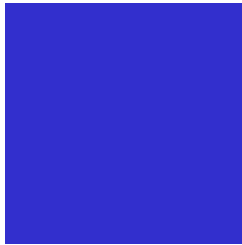


260026



# Previews

## White Background



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

## Color Contrast Check

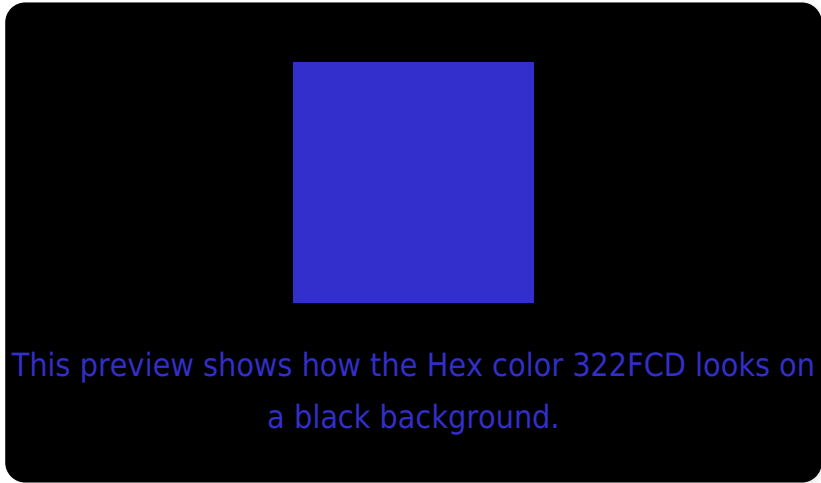
Large Text (above 18pt) WCAG AA ✓ Pass

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

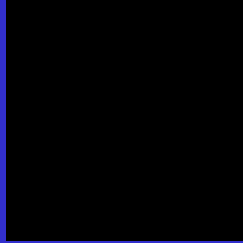
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 322FCD Background



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



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

# 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





# Trichromacy



**Original Color**  
322FCD

**Protanomaly**  
123FAB

**Deuteranomaly**  
12429D

**Tritanomaly**  
124683

# Monochromacy



**Original Color**  
322FCD

**Achromatopsia**  
424242

**Achromatomaly**  
3C3B75

# CSS Examples

## Text

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

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

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 #322FCD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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