

Converting Colors

Hex(3330D9)

Have a look what the booklet for
Hex(3330D9) contains.

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Color

Hex(3330D9)

Conversions

Conversions Part 1

Format	Color
Hex	3330D9
RGB	51, 48, 217
RGB Percent	20%, 19%, 85%
CMY	0.8000, 0.8118, 0.1490
CMYK	0.76, 0.78, 0.00, 0.15
HSL	241°, 69%, 52%
HSV	241°, 78%, 85%
XYZ	14.9466, 7.8275, 66.3687
YIQ	68.1630, -52.4610, 53.1950

Conversions

Conversions Part 2

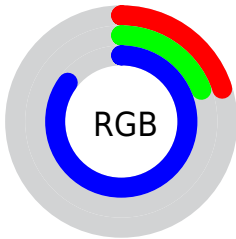
Format	Color
RYB	51, 48, 217
Decimal	3354841
CIELab	33.62, 56.00, -84.02
CIElCh	34, 100.973, 303.681
Yxy	7.8275, 0.1677, 0.0878
Android (android.graphics.Color)	4281544921 (0xFF3330D9)
YUV	68.1630, 73.3766, -15.0520
Hunter-Lab	27.9776, 46.3999, -121.0639

Details

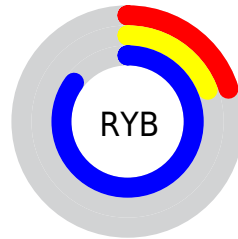
The Hex color **3330D9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **D6D930**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7D62FF**, and **0000A0** is the 20% darker color. If you saturate the color by 10%, you get **1E1AD9**, and if you desaturate by 10%, it is **4846D9**.

Distribution



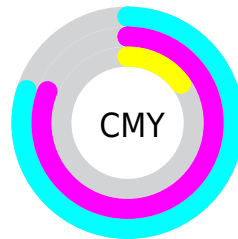
- Red (20%)
- Green (19%)
- Blue (85%)



- Red (20%)
- Yellow (19%)
- Blue (85%)



- Cyan (76%)
- Magenta (78%)
- Yellow (0%)
- Black (15%)



- Cyan (80%)
- Magenta (81%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3330D9 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 3330D9 by changing the saturation by 10% instead.

 3330D9

 3330D9

FFFFFF

 0017BC

 7D62FF

 0000A0

 9D7BFF

 000085

 BC96FF

 00006B

 DBB1FF

 000B52

 FACDFF

 000539

 FFEAFF

 000223

 00000A

 000000

■ 3330D9

■ 3330D9

■ 1E1AD9

■ 4846D9

■ 0805D9

■ 5E5BD9

■ 0400D9

■ 7371D9

■ 8887D9

■ 9E9DD9

■ B3B2D9

■ C8C8D9

■ DEDED9

■ F3F3D9

Harmonies

Analogous

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



005BF6



3330D9



AE0098

Triad

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



3330D9



962600



006958

Complementary

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



3330D9



D6D930

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



3330D9



595000

Square

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



3330D9



C10000



006000



006BA8

Rectangle

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



3330D9



C90064



006000



00683B

Sweetspot

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



3330D9



C5C4FF



30D6D9



5C5C80



000000



808080

Same Dimension

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



3330D9



1612FF



8730D9



63636E



0300AD



01002E

Inverse Universe

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



D930D6



FF12FB



82D930



6E636D



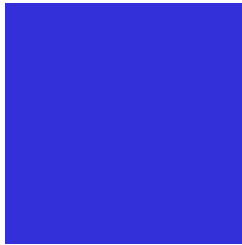
AD00AA



2E002D

Previews

White Background



This preview shows how the Hex color 3330D9 looks on a white background.

Color Contrast Check

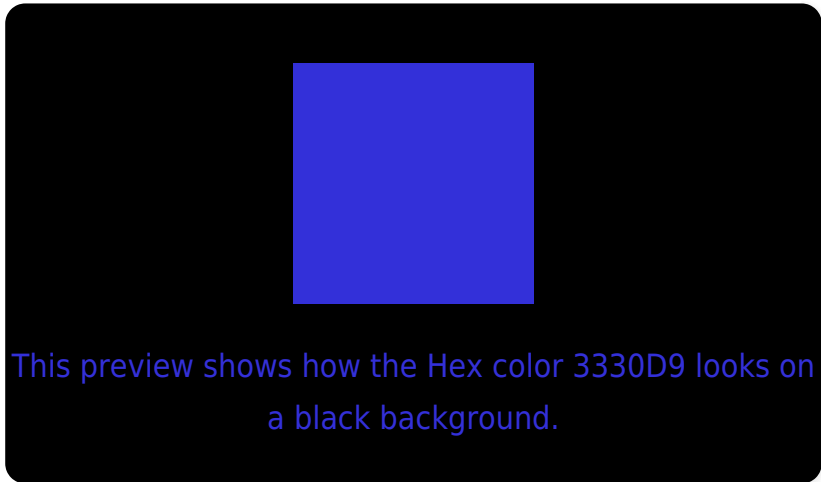
Large Text (above 18pt) WCAG AA ✓ Pass

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

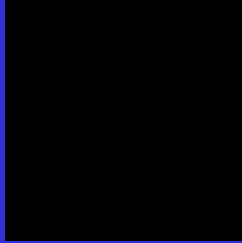
Any Text WCAG AA × Fail

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 3330D9 Background



This preview shows how black text looks on a background with the Hex color 3330D9.



This preview shows how white text looks on a background with the Hex color 3330D9.

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
00575C

Trichromacy



Original Color
3330D9

Protanomaly
1342B4

Deuteranomaly
1345A5

Tritanomaly
134989

Monochromacy



Original Color
3330D9

Achromatopsia
444444

Achromatomaly
3E3D7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3330D9 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 #3330D9 looks like.

```
.text, #text, p{  
    color:#3330D9  
}
```

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 #3330D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3330D9
}
```

Border

The CSS property to change the border of an element to Hex 3330D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

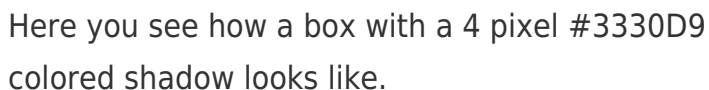
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3330D9 }
```

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

```
.border{ border-color:#3330D9 }
```

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



Here you see how a box with a 4 pixel #3330D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3330D9; -webkit-box-shadow:4px 4px  
4px 4px #3330D9; box-shadow:4px 4px 4px  
4px #3330D9 }
```

Background

The CSS property to change the background color of an element to Hex 3330D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3330D9 }
```

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

```
.background{ background-color:#3330D9 }
```

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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