

Converting Colors

Hex(3300B5)

Have a look what the booklet for
Hex(3300B5) contains.

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Color

Hex(3300B5)

Conversions

Conversions Part 1

Format	Color
Hex	3300B5
RGB	51, 0, 181
RGB Percent	20%, 0%, 71%
CMY	0.8000, 1.0000, 0.2902
CMYK	0.72, 1.00, 0.00, 0.29
HSL	257°, 100%, 35%
HSV	257°, 100%, 71%
XYZ	9.7057, 4.0400, 43.9843
YIQ	35.8830, -27.7050, 67.1030

Conversions

Conversions Part 2

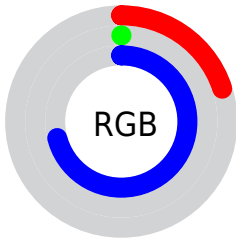
Format	Color
RYB	51, 0, 181
Decimal	3342517
CIELab	23.80, 62.14, -79.22
CIELCh	24, 100.682, 308.110
Yxy	4.0400, 0.1681, 0.0700
Android (android.graphics.Color)	4281532597 (0xFF3300B5)
YUV	35.8830, 71.5427, 13.2576
Hunter-Lab	20.0998, 51.0191, -115.6745

Details

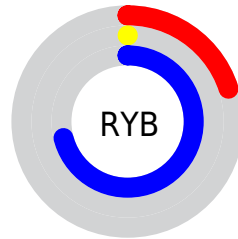
The Hex color **3300B5** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **82B500**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **773FEE**, and **00007E** is the 20% darker color. If you saturate the color by 10%, you get **3300B5**, and if you desaturate by 10%, it is **4012B5**.

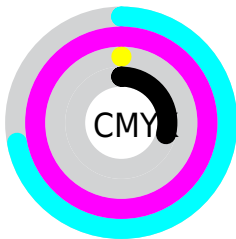
Distribution



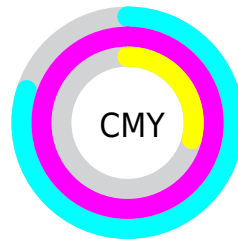
- Red (20%)
- Green (0%)
- Blue (71%)



- Red (20%)
- Yellow (0%)
- Blue (71%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3300B5 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 3300B5 by changing the saturation by 10% instead.

 3300B5

 3300B5

FFFFFF

 000099

 773FEE

 00007E

 965AFF

 000064

 B474FF

 00094B

 D38FFF

 000433

 F2ABFF

 00021D

 FFC7FF

 000000

 FFE3FF

 3300B5

 4012B5

 4D24B5

 5A36B5

 6748B5

 745BB5

 816DB5

 8E7FB5

 9B91B5

 A8A3B5

Harmonies

Analogous

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



0043D7



3300B5



980073

Triad

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



3300B5



701700



004F4D

Complementary

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



3300B5



82B500

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.



004D00



3300B5



343D00

Square

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



3300B5



9B0000



004900



005198

Rectangle

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



3300B5



AB0042



004900



004E32

Sweetspot

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



3300B5



B8A4EB



0085B5



574B75



F5F5F5



757575

Same Dimension

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



3300B5



4200EB



8B00B5



535059



2B0099



07001A

Inverse Universe

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



B50082



EB00A8



2AB500



595057



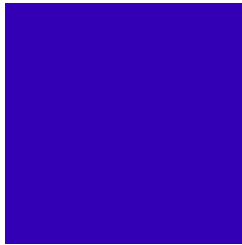
99006E



1A0012

Previews

White Background



This preview shows how the Hex color 3300B5 looks on a white background.

Color Contrast Check

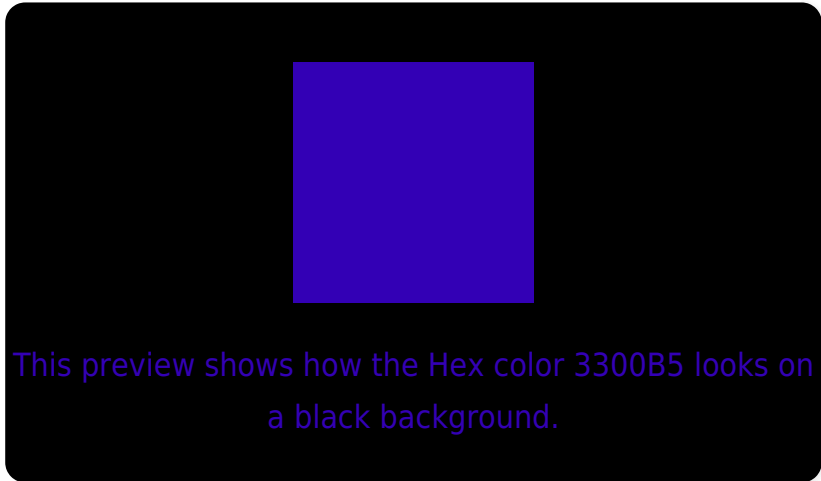
Large Text (above 18pt) WCAG AA ✓ Pass

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

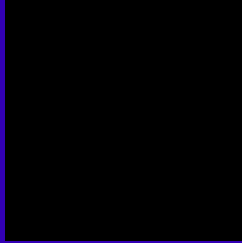
Any Text WCAG AA × Fail

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 3300B5 Background



This preview shows how black text looks on a background with the Hex color 3300B5.



This preview shows how white text looks on a background with the Hex color 3300B5.

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
3300B5

Protanopia
003978

Deuteranopia
003D66

Trichromacy



Original Color
3300B5

Protanomaly
13248E

Deuteranomaly
132783

Tritanomaly
132A6E

Monochromacy



Original Color
3300B5

Achromatopsia
242424

Achromatomaly
291759

CSS Examples

Text

The CSS property to change the color of the text to Hex 3300B5 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 #3300B5 looks like.

```
.text, #text, p{  
    color:#3300B5  
}
```

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 #3300B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3300B5
}
```

Border

The CSS property to change the border of an element to Hex 3300B5 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".

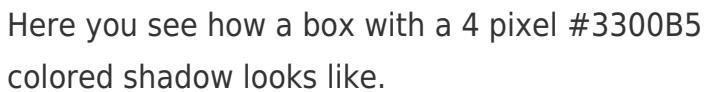
```
.border, #border, table{ border:4px solid
#3300B5 }
```

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

```
.border{ border-color:#3300B5 }
```

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

Here you see how a box with a 4 pixel #3300B5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3300B5; -webkit-box-shadow:4px 4px  
4px 4px #3300B5; box-shadow:4px 4px 4px  
4px #3300B5 }
```

Background

The CSS property to change the background color of an element to Hex 3300B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3300B5 }
```

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

```
.background{ background-color:#3300B5 }
```

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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