

Converting Colors

Hex(3305BD)

Have a look what the booklet for
Hex(3305BD) contains.

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Color

Hex(3305BD)

Conversions

Conversions Part 1

Format	Color
Hex	3305BD
RGB	51, 5, 189
RGB Percent	20%, 2%, 74%
CMY	0.8000, 0.9804, 0.2588
CMYK	0.73, 0.97, 0.00, 0.26
HSL	255°, 95%, 38%
HSV	255°, 97%, 74%
XYZ	10.6048, 4.4865, 48.4512
YIQ	39.7300, -31.6480, 66.9760

Conversions

Conversions Part 2

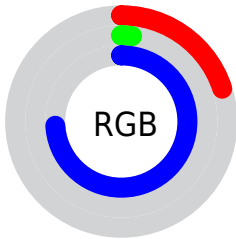
Format	Color
RYB	51, 5, 189
Decimal	3343805
CIELab	25.22, 63.04, -81.62
CIElCh	25, 103.135, 307.681
Yxy	4.4865, 0.1669, 0.0706
Android (android.graphics.Color)	4281533885 (0xFF3305BD)
YUV	39.7300, 73.5901, 9.8838
Hunter-Lab	21.1813, 52.3022, -120.7960

Details

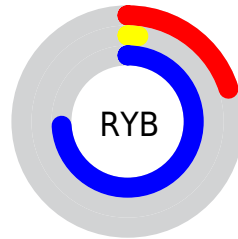
The Hex color **3305BD** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **8FBD05**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7943F7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **2F00BD**, and if you desaturate by 10%, it is **4118BD**.

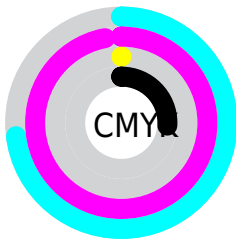
Distribution



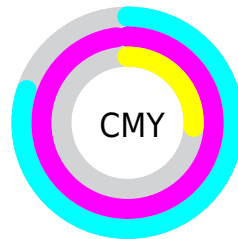
- Red (20%)
- Green (2%)
- Blue (74%)



- Red (20%)
- Yellow (2%)
- Blue (74%)



- Cyan (73%)
- Magenta (97%)
- Yellow (0%)
- Black (26%)



- Cyan (80%)
- Magenta (98%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3305BD 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 3305BD by changing the saturation by 10% instead.

 3305BD

 3305BD

FFFFFF

 0000A1

 7943F7

 000086

 985DFF

 00006C

 B777FF

 000B52

 D592FF

 00053A

 F4AEFF

 000223

 FFCAFF

 00000B

 FFE7FF

 000000

 3305BD

 3305BD

■ 2F00BD

■ 4118BD

■ 4F2BBD

■ 5E3EBD

■ 6C51BD

■ 7A64BD

■ 8876BD

■ 9689BD

■ A49CBD

■ B3AFBD

Harmonies

Analogous

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



0046E0



3305BD



9E0079

Triad

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



3305BD



761800



00534F

Complementary

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



3305BD



8FBD05

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.



005000



3305BD



384000

Square

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



3305BD



A20000



004C00



00559D

Rectangle

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



3305BD



B20046



004C00



005234

Sweetspot

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



3305BD



C0AEF5



058FBD



5A507A



FAFafa



7A7A7A

Same Dimension

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



3305BD



3D00F5



8F05BD



57555E



28009E



08001F

Inverse Universe

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



BD058F



F500B8



33BD05



5E555C



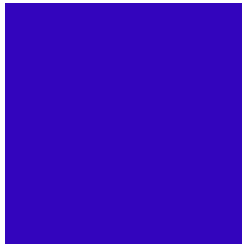
9E0077



1F0017

Previews

White Background



This preview shows how the Hex color 3305BD looks on a white background.

Color Contrast Check

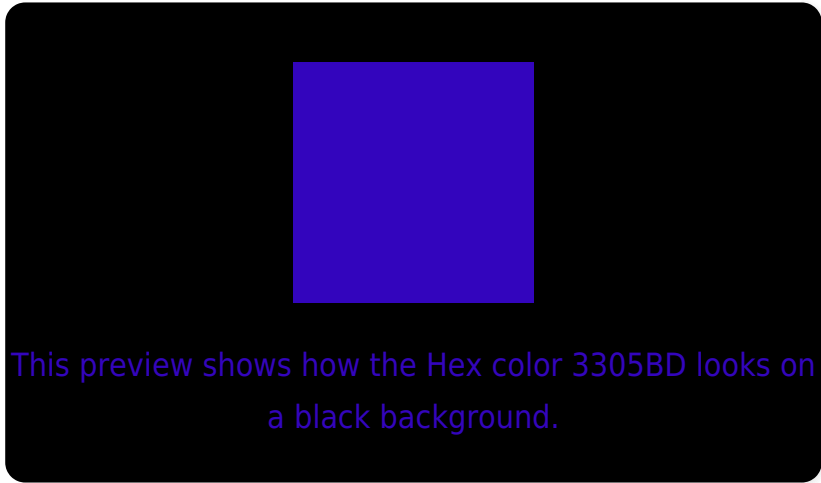
Large Text (above 18pt) WCAG AA ✓ Pass

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

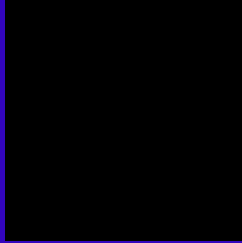
Any Text WCAG AA × Fail

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 3305BD Background



This preview shows how black text looks on a background with the Hex color 3305BD.



This preview shows how white text looks on a background with the Hex color 3305BD.

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
3305BD

Protanopia
003B7D

Deuteranopia
003F6A

Trichromacy



Original Color
3305BD

Protanomaly
132794

Deuteranomaly
132A88

Tritanomaly
132D73

Monochromacy



Original Color
3305BD

Achromatopsia
282828

Achromatomaly
2C1B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3305BD 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 #3305BD looks like.

```
.text, #text, p{  
    color:#3305BD  
}
```

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 #3305BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3305BD
}
```

Border

The CSS property to change the border of an element to Hex 3305BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

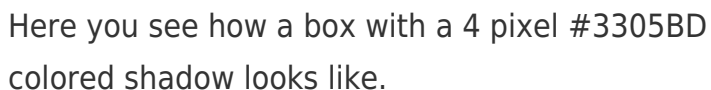
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3305BD }
```

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

```
.border{ border-color:#3305BD }
```

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



Here you see how a box with a 4 pixel #3305BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3305BD; -webkit-box-shadow:4px 4px  
4px 4px #3305BD; box-shadow:4px 4px 4px  
4px #3305BD }
```

Background

The CSS property to change the background color of an element to Hex 3305BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3305BD }
```

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

```
.background{ background-color:#3305BD }
```

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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