

Converting Colors

Hex(3300CC)

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

Hex(3300CC)	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(3300CC)

Conversions

Conversions Part 1

Format	Color
Hex	3300CC
RGB	51, 0, 204
RGB Percent	20%, 0%, 80%
CMY	0.8000, 1.0000, 0.2000
CMYK	0.75, 1.00, 0.00, 0.20
HSL	255°, 100%, 40%
HSV	255°, 100%, 80%
XYZ	12.2643, 5.0634, 57.4577
YIQ	38.5050, -35.0880, 74.2560

Conversions

Conversions Part 2

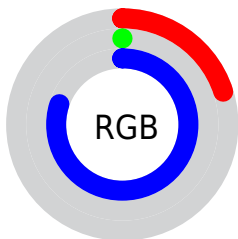
Format	Color
RYB	51, 0, 204
Decimal	3342540
CIELab	26.91, 67.68, -87.63
CIELCh	27, 110.724, 307.682
Yxy	5.0634, 0.1640, 0.0677
Android (android.graphics.Color)	4281532620 (0xFF3300CC)
YUV	38.5050, 81.5890, 10.9581
Hunter-Lab	22.5021, 57.9093, -135.6418

Details

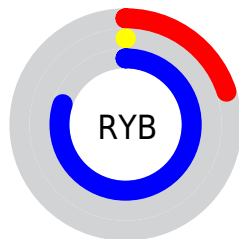
The Hex color **3300CC** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **99CC00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7C42FF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **3300CC**, and if you desaturate by 10%, it is **4214CC**.

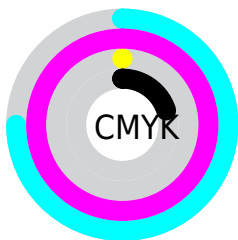
Distribution



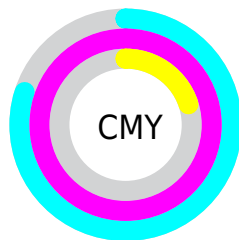
- Red (20%)
- Green (0%)
- Blue (80%)



- Red (20%)
- Yellow (0%)
- Blue (80%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 3300CC

 3300CC

FFFFFF

 0000B0

 7C42FF

 000094

 9C5DFF

 000079

 BB78FF

 00065F

 DB93FF

 000846

 FAAFFF

 00042F

 FFCCFF

 000119

 FFE9FF

 000000

 3300CC

 4214CC

 5229CC

 613DCC

 7052CC

 8066CC

 8F7ACC

 9E8FCC

 ADA3CC

 BDB8CC

Harmonies

Analogous

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



004BF2



3300CC



AA0082

Triad

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



3300CC



7F1700



005855

Complementary

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



3300CC



99CC00

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.



005500



3300CC



3B4500

Square

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



3300CC



AE0000



005100



005BA9

Rectangle

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



3300CC



C0004B



005100



005737

Sweetspot

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



3300CC



C6B3FF



0099CC



5D5280



000000



808080

Same Dimension

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



3300CC



4000FF



9900CC



5E5C66



2900A6



0A0026

Inverse Universe

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



CC0099



FF00BF



33CC00



665C63



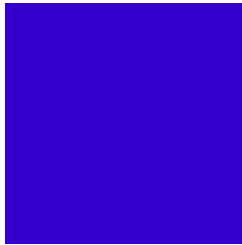
A6007C



26001D

Previews

White Background



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

Color Contrast Check

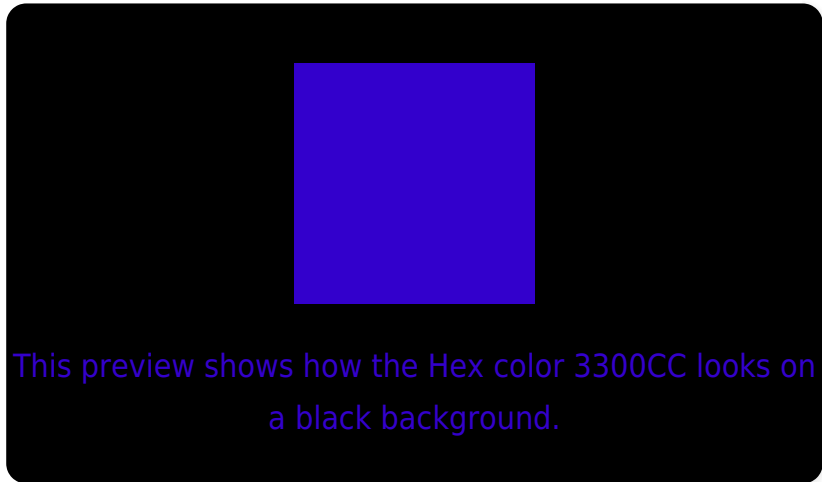
Large Text (above 18pt) WCAG AA ✓ Pass

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

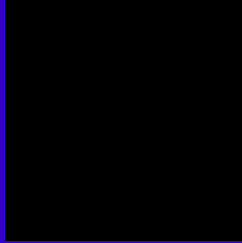
Any Text WCAG AA × Fail

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 3300CC Background



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



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

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
3300CC

Protanopia
003F85

Deuteranopia
004471



Tritanopia
00494D

Trichromacy



Original Color
3300CC

Protanomaly
13289F

Deuteranomaly
132B92

Tritanomaly
132E7B

Monochromacy



Original Color
3300CC

Achromatopsia
272727

Achromatomaly
2B1963

CSS Examples

Text

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

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

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 #3300CC colored shadow looks like.

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

Border

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

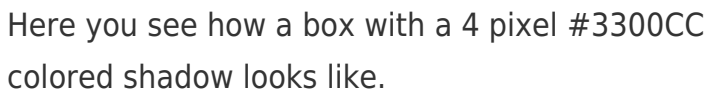
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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