

Converting Colors

Hex(3B00D2)

Have a look what the booklet for
Hex(3B00D2) contains.

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Color

Hex(3B00D2)

Conversions

Conversions Part 1

Format	Color
Hex	3B00D2
RGB	59, 0, 210
RGB Percent	23%, 0%, 82%
CMY	0.7686, 1.0000, 0.1765
CMYK	0.72, 1.00, 0.00, 0.18
HSL	257°, 100%, 41%
HSV	257°, 100%, 82%
XYZ	13.4365, 5.5830, 61.3422
YIQ	41.5810, -32.2460, 77.8180

Conversions

Conversions Part 2

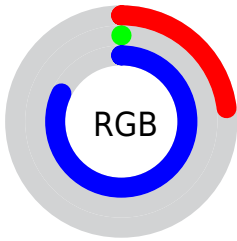
Format	Color
RYB	59, 0, 210
Decimal	3866834
CIELab	28.33, 69.37, -88.74
CIElCh	28, 112.637, 308.014
Yxy	5.5830, 0.1672, 0.0695
Android (android.graphics.Color)	4282056914 (0xFF3B00D2)
YUV	41.5810, 83.0306, 15.2765
Hunter-Lab	23.6283, 60.1566, -137.3851

Details

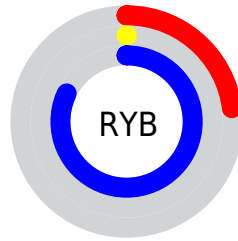
The Hex color **3B00D2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **97D200**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8244FF**, and **00009A** is the 20% darker color. If you saturate the color by 10%, you get **3B00D2**, and if you desaturate by 10%, it is **4A15D2**.

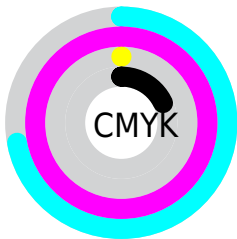
Distribution



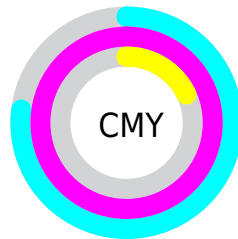
- Red (23%)
- Green (0%)
- Blue (82%)



- Red (23%)
- Yellow (0%)
- Blue (82%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (77%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B00D2 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 3B00D2 by changing the saturation by 10% instead.

 3B00D2

 3B00D2


FFFFFF

 0000B5

 8244FF

 00009A

 A25FFF

 00007F

 C27AFF

 000264

 E196FF

 00094B

 FF25FF

 000434

 FFCEFF

 00021E

 FFE8FF

 000000

 3B00D2

 4A15D2

 592AD2

 683FD2

 7754D2

 8669D2

 967ED2

 A593D2

 B4A8D2

 C3BDD2

Harmonies

Analogous

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



004EF9



3B00D2



B10086

Triad

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



3B00D2



831B00



005C5A

Complementary

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



3B00D2



97D200

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.



005900



3B00D2



3D4800

Square

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



3B00D2



B40000



005500



005FB0

Rectangle

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



3B00D2



C7004D



005500



005B3B

Sweetspot

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



3B00D2



C8B3FF



009AD2



5E5280



000000



808080

Same Dimension

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



3B00D2



4800FF



A100D2



615E69



2F00A8



0B0029

Inverse Universe

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



D20097



FF00B7



31D200



695E66



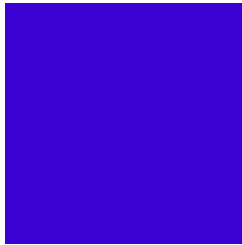
A80079



29001D

Previews

White Background



This preview shows how the Hex color 3B00D2 looks on a white background.

Color Contrast Check

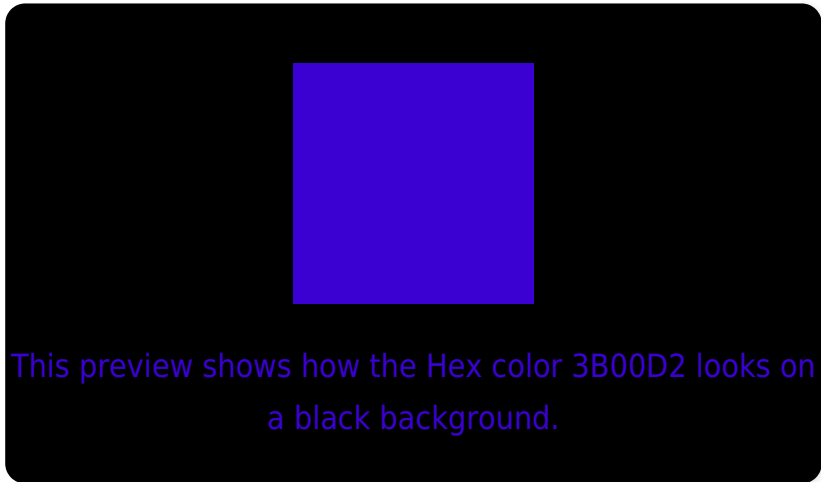
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B00D2 Background



This preview shows how black text looks on a background with the Hex color 3B00D2.



This preview shows how white text looks on a background with the Hex color 3B00D2.

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
3B00D2

Protanopia
00428B

Deuteranopia
004776



Tritanopia
004C51

Trichromacy



Original Color
3B00D2

Protanomaly
152AA5

Deuteranomaly
152D97

Tritanomaly
153080

Monochromacy



Original Color
3B00D2

Achromatopsia
2A2A2A

Achromatomaly
301B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B00D2 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 #3B00D2 looks like.

```
.text, #text, p{  
    color:#3B00D2  
}
```

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 #3B00D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B00D2
}
```

Border

The CSS property to change the border of an element to Hex 3B00D2 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".

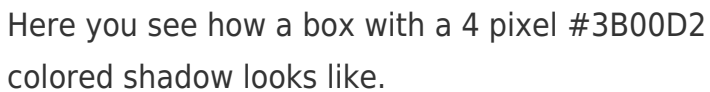
```
.border, #border, table{ border:4px solid
#3B00D2 }
```

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

```
.border{ border-color:#3B00D2 }
```

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

Here you see how a box with a 4 pixel #3B00D2 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B00D2; -webkit-box-shadow:4px 4px  
4px 4px #3B00D2; box-shadow:4px 4px 4px  
4px #3B00D2 }
```

Background

The CSS property to change the background color of an element to Hex 3B00D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B00D2 }
```

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

```
.background{ background-color:#3B00D2 }
```

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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