

Converting Colors

Hex(2D00BF)

Have a look what the booklet for
Hex(2D00BF) contains.

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Color

Hex(2D00BF)

Conversions

Conversions Part 1

Format	Color
Hex	2D00BF
RGB	45, 0, 191
RGB Percent	18%, 0%, 75%
CMY	0.8235, 1.0000, 0.2510
CMYK	0.76, 1.00, 0.00, 0.25
HSL	254°, 100%, 37%
HSV	254°, 100%, 75%
XYZ	10.4862, 4.3195, 49.5713
YIQ	35.2290, -34.4910, 68.9410

Conversions

Conversions Part 2

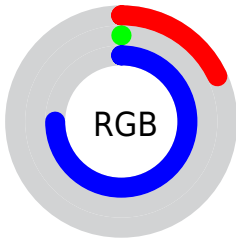
Format	Color
RYB	45, 0, 191
Decimal	2949311
CIELab	24.70, 64.37, -83.68
CIELCh	25, 105.579, 307.569
Yxy	4.3195, 0.1629, 0.0671
Android (android.graphics.Color)	4281139391 (0xFF2D00BF)
YUV	35.2290, 76.7951, 8.5692
Hunter-Lab	20.7834, 53.6906, -126.8668

Details

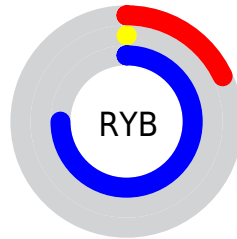
The Hex color **2D00BF** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **92BF00**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7640F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **2D00BF**, and if you desaturate by 10%, it is **3C13BF**.

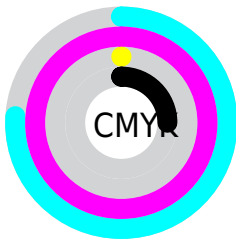
Distribution



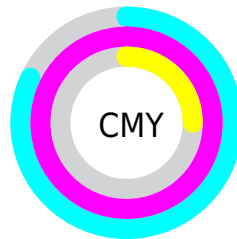
- Red (18%)
- Green (0%)
- Blue (75%)



- Red (18%)
- Yellow (0%)
- Blue (75%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (82%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D00BF 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 2D00BF by changing the saturation by 10% instead.

 2D00BF

 2D00BF

FFFFFF

 0000A3

 7640F9

 000088

 955AFF

 00006D

 B475FF

 000B54

 D390FF

 00063C

 F2ACFF

 000225

 FFC8FF

 00010D

 FFE5FF

 000000

 2D00BF

 3C13BF

 4A26BF

 5939BF

 674CBF

 7660BF

 8573BF

 9386BF

 A299BF

 B0ACBF

Harmonies

Analogous

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



0046E2



2D00BF



9E007A

Triad

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



2D00BF



761400



00524E

Complementary

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



2D00BF



92BF00

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.



004F00



2D00BF



363F00

Square

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



2D00BF



A20000



004B00



00549E

Rectangle

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



2D00BF



B30046



004B00



005132

Sweetspot

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



2D00BF



BFADF7



0092BF



5B507D



FCFCFC



7D7D7D

Same Dimension

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



2D00BF



3A00F7



8C00BF



57555E



25009E



07001F

Inverse Universe

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



BF0092



F700BD



33BF00



5E555C



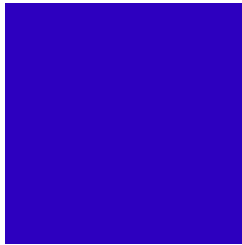
9E0079



1F0017

Previews

White Background



This preview shows how the Hex color 2D00BF looks on a white background.

Color Contrast Check

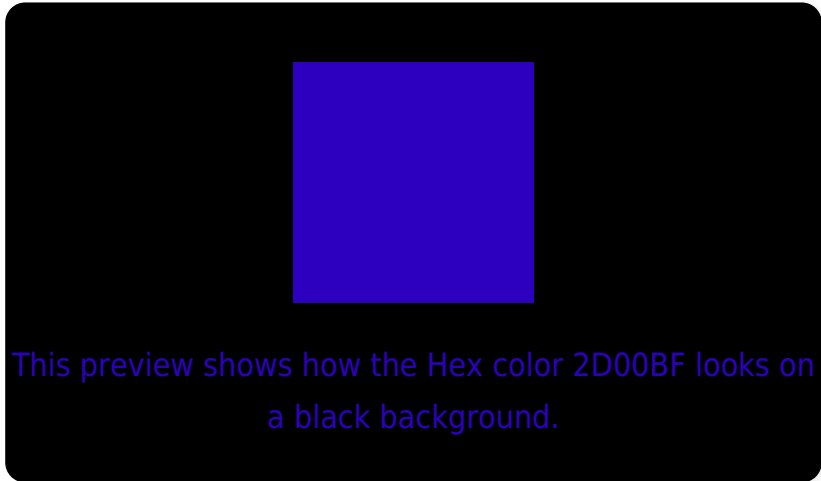
Large Text (above 18pt) WCAG AA ✓ Pass

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

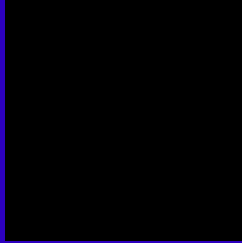
Any Text WCAG AA × Fail

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 2D00BF Background



This preview shows how black text looks on a background with the Hex color 2D00BF.



This preview shows how white text looks on a background with the Hex color 2D00BF.

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
2D00BF

Protanopia
003B7C

Deuteranopia
003F69

Trichromacy



Original Color
2D00BF

Protanomaly
102694

Deuteranomaly
102888

Tritanomaly
102B73

Monochromacy



Original Color
2D00BF

Achromatopsia
232323

Achromatomaly
27165C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D00BF 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 #2D00BF looks like.

```
.text, #text, p{  
    color:#2D00BF  
}
```

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 #2D00BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D00BF
}
```

Border

The CSS property to change the border of an element to Hex 2D00BF 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".

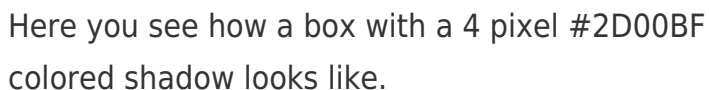
```
.border, #border, table{ border:4px solid
#2D00BF }
```

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

```
.border{ border-color:#2D00BF }
```

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

Here you see how a box with a 4 pixel #2D00BF 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 #2D00BF; -webkit-box-shadow:4px 4px  
4px 4px #2D00BF; box-shadow:4px 4px 4px  
4px #2D00BF }
```

Background

The CSS property to change the background color of an element to Hex 2D00BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D00BF }
```

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

```
.background{ background-color:#2D00BF }
```

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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