

Converting Colors

Hex(2900B8)

Have a look what the booklet for
Hex(2900B8) contains.

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Color

Hex(2900B8)

Conversions

Conversions Part 1

Format	Color
Hex	2900B8
RGB	41, 0, 184
RGB Percent	16%, 0%, 72%
CMY	0.8392, 1.0000, 0.2784
CMYK	0.78, 1.00, 0.00, 0.28
HSL	253°, 100%, 36%
HSV	253°, 100%, 72%
XYZ	9.5662, 3.9321, 45.6022
YIQ	33.2350, -34.6280, 65.9160

Conversions

Conversions Part 2

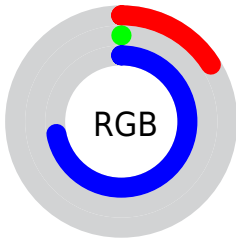
Format	Color
RYB	41, 0, 184
Decimal	2687160
CIELab	23.45, 62.55, -81.63
CIELCh	23, 102.840, 307.464
Yxy	3.9321, 0.1619, 0.0665
Android (android.graphics.Color)	4280877240 (0xFF2900B8)
YUV	33.2350, 74.3271, 6.8099
Hunter-Lab	19.8295, 51.4104, -122.4691

Details

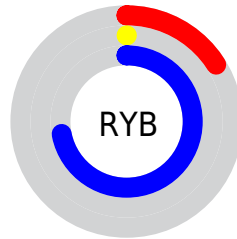
The Hex color **2900B8** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **8FB800**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **723FF2**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **2900B8**, and if you desaturate by 10%, it is **3712B8**.

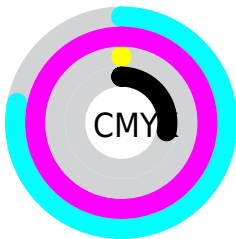
Distribution



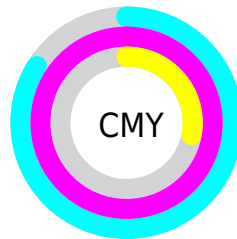
- Red (16%)
- Green (0%)
- Blue (72%)



- Red (16%)
- Yellow (0%)
- Blue (72%)



- Cyan (78%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (84%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2900B8 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 2900B8 by changing the saturation by 10% instead.

 2900B8


 2900B8

FFFFFF

 00009C

 723FF2

 000081

 9159FF

 000067

 B073FF

 000A4E

 CF8EFF

 000536

 EEAFF

 000220

 FFC6FF

 000003

 FFE2FF

 000000

 2900B8

 3712B8

 4625B8

 5437B8

 624AB8

 705CB8

 7F6EB8

 8D81B8

 9B93B8

 AAA6B8

Harmonies

Analogous

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



0043DA



2900B8



980075

Triad

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



2900B8



711200



004E4B

Complementary

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



2900B8



8FB800

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.



004C00



2900B8



343C00

Square

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



2900B8



9C0000



004800



005198

Rectangle

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



2900B8



AC0043



004800



004E2F

Sweetspot

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



2900B8



B8A8F0



0090B8



564D78



F7F7F7



787878

Same Dimension

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



2900B8



3500F0



8400B8



55535C



23009C



06001C

Inverse Universe

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



B8008F



F000BA



34B800



5C535A



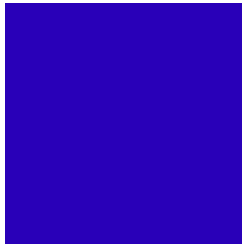
9C0079



1C0016

Previews

White Background



This preview shows how the Hex color 2900B8 looks on a white background.

Color Contrast Check

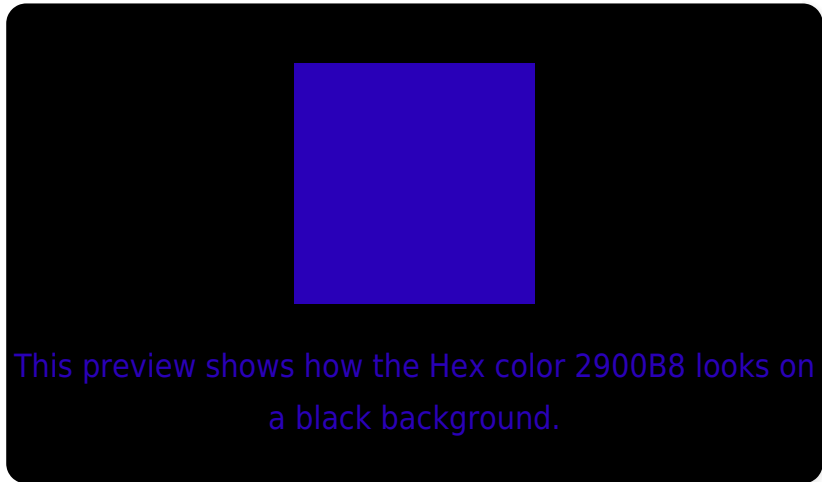
Large Text (above 18pt) WCAG AA ✓ Pass

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

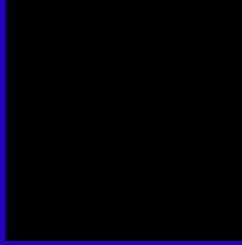
Any Text WCAG AA × Fail

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 2900B8 Background



This preview shows how black text looks on a background with the Hex color 2900B8.



This preview shows how white text looks on a background with the Hex color 2900B8.

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
2900B8

Protanopia
003876

Deuteranopia
003C64

Trichromacy



Original Color
2900B8

Protanomaly
0F248E

Deuteranomaly
0F2683

Monochromacy



Original Color
2900B8

Achromatopsia
212121

Achromatomaly
241558

CSS Examples

Text

The CSS property to change the color of the text to Hex 2900B8 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 #2900B8 looks like.

```
.text, #text, p{  
    color:#2900B8  
}
```

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 #2900B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2900B8
}
```

Border

The CSS property to change the border of an element to Hex 2900B8 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".

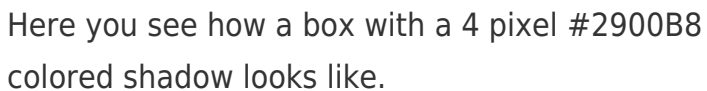
```
.border, #border, table{ border:4px solid
#2900B8 }
```

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

```
.border{ border-color:#2900B8 }
```

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

Here you see how a box with a 4 pixel #2900B8 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 #2900B8; -webkit-box-shadow:4px 4px  
4px 4px #2900B8; box-shadow:4px 4px 4px  
4px #2900B8 }
```

Background

The CSS property to change the background color of an element to Hex 2900B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2900B8 }
```

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

```
.background{ background-color:#2900B8 }
```

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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