

Converting Colors

Hex(2900A6)

Have a look what the booklet for
Hex(2900A6) contains.

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Color

Hex(2900A6)

Conversions

Conversions Part 1

Format	Color
Hex	2900A6
RGB	41, 0, 166
RGB Percent	16%, 0%, 65%
CMY	0.8392, 1.0000, 0.3490
CMYK	0.75, 1.00, 0.00, 0.35
HSL	255°, 100%, 33%
HSV	255°, 100%, 65%
XYZ	7.7974, 3.2246, 36.2878
YIQ	31.1830, -28.8500, 60.3180

Conversions

Conversions Part 2

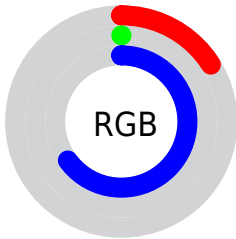
Format	Color
R_{YB}	41, 0, 166
Decimal	2687142
CIE Lab	20.92, 58.11, -75.01
CIE LCh	21, 94.883, 307.767
Yxy	3.2246, 0.1648, 0.0682
Android (android.graphics.Color)	4280877222 (0xFF2900A6)
YUV	31.1830, 66.4648, 8.6095
Hunter-Lab	17.9571, 46.0836, -107.2433

Details

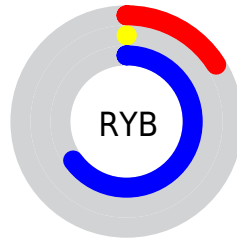
The Hex color **2900A6** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **7DA600**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **6E3CDF**, and **000070** is the 20% darker color. If you saturate the color by 10%, you get **2900A6**, and if you desaturate by 10%, it is **3611A6**.

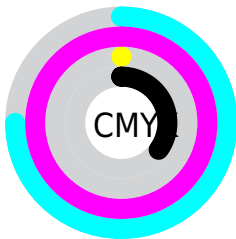
Distribution



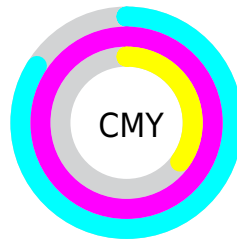
- Red (16%)
- Green (0%)
- Blue (65%)



- Red (16%)
- Yellow (0%)
- Blue (65%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2900A6 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 2900A6 by changing the saturation by 10% instead.

 2900A6

 2900A6

 FFFBFF

 00008B

 6E3CDF

 000070

 8C56FC

 000057

 AA70FF

 00063E

 C88BFF

 000328

 E7A6FF

 000111

 FFC2FF

 000000

 FFDEFF

 2900A6

 3611A6

 4221A6

 4F32A6

 5B42A6

 6853A6

 7464A6

 8174A6

 8D85A6

 9A95A6

Harmonies

Analogous

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



003CC5



2900A6



8A0069

Triad

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



2900A6



661100



004744

Complementary

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



2900A6



7DA600

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.



004500



2900A6



2E3600

Square

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



2900A6



8D0000



004100



00498A

Rectangle

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



2900A6



9C003B



004100



00462B

Sweetspot

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



2900A6



A898D9



007FA6



50466E



EDEDED



6E6E6E

Same Dimension

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



2900A6



3600D9



7A00A6



4E4C54



250094



050014

Inverse Universe

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



A6007D



D900A3



2CA600



544C52



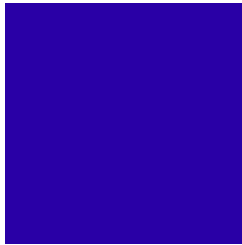
94006F



14000F

Previews

White Background



This preview shows how the Hex color 2900A6 looks on a white background.

Color Contrast Check

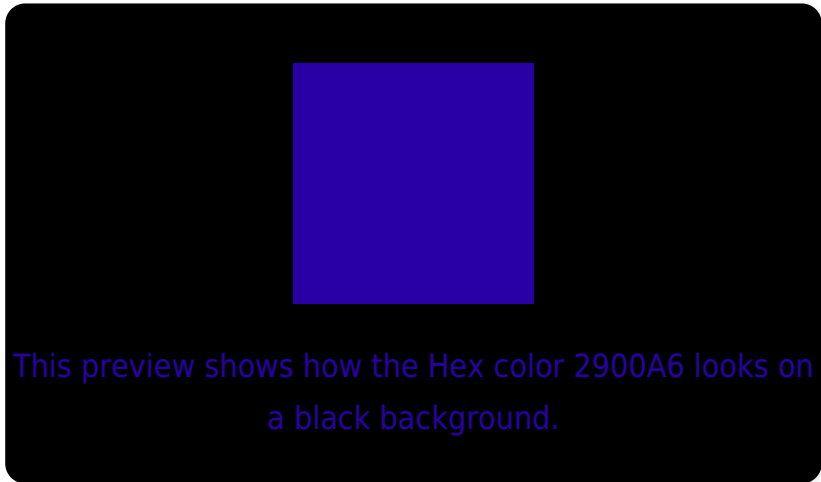
Large Text (above 18pt) WCAG AA ✓ Pass

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

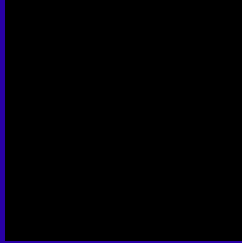
Any Text WCAG AA × Fail

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 2900A6 Background



This preview shows how black text looks on a background with the Hex color 2900A6.



This preview shows how white text looks on a background with the Hex color 2900A6.

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
2900A6

Protanopia
00346C

Deuteranopia
00375C



Tritanopia
003B3E

Trichromacy



Original Color
2900A6

Protanomaly
0F2181

Deuteranomaly
0F2377

Tritanomaly
0F2664

Monochromacy



Original Color
2900A6

Achromatopsia
1F1F1F

Achromatomaly
231450

CSS Examples

Text

The CSS property to change the color of the text to Hex 2900A6 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 #2900A6 looks like.

```
.text, #text, p{  
    color:#2900A6  
}
```

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 #2900A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2900A6
}
```

Border

The CSS property to change the border of an element to Hex 2900A6 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
#2900A6 }
```

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

```
.border{ border-color:#2900A6 }
```

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

Here you see how a box with a 4 pixel #2900A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2900A6; -webkit-box-shadow:4px 4px  
4px 4px #2900A6; box-shadow:4px 4px 4px  
4px #2900A6 }
```

Background

The CSS property to change the background color of an element to Hex 2900A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2900A6 }
```

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

```
.background{ background-color:#2900A6 }
```

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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