

Converting Colors

Hex(2901E9)

Have a look what the booklet for
Hex(2901E9) contains.

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Color

Hex(2901E9)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2901E9 |
| RGB | 41, 1, 233 |
| RGB Percent | 16%, 0%, 91% |
| CMY | 0.8392, 0.9961, 0.0863 |
| CMYK | 0.82, 1.00, 0.00, 0.09 |
| HSL | 250°, 99%, 46% |
| HSV | 250°, 100%, 91% |
| XYZ | 15.6333, 6.3763, 77.4976 |
| YIQ | 39.4080, -50.6320, 80.6320 |

Conversions

Conversions Part 2

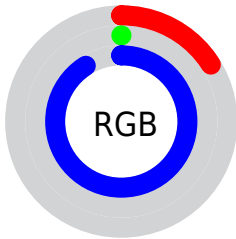
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 41, 1, 233 |
| Decimal | 2687465 |
| CIE Lab | 30.34, 74.20, -98.67 |
| CIE LCh | 30, 123.454, 306.943 |
| Yxy | 6.3763, 0.1571, 0.0641 |
| Android (android.graphics.Color) | 4280877545 (0xFF2901E9) |
| YUV | 39.4080, 95.4409, 1.3962 |
| Hunter-Lab | 25.2514, 66.3206, -164.2877 |

Details

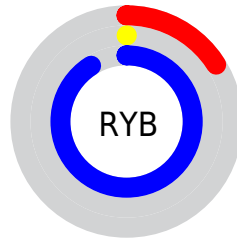
The Hex color **2901E9** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **C1E901**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7E46FF**, and **0000AF** is the 20% darker color. If you saturate the color by 10%, you get **2800E9**, and if you desaturate by 10%, it is **3C18E9**.

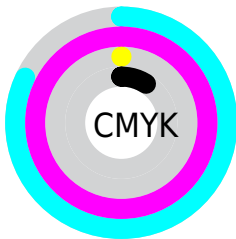
Distribution



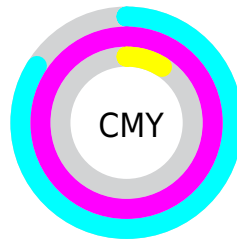
- Red (16%)
- Green (0%)
- Blue (91%)



- Red (16%)
- Yellow (0%)
- Blue (91%)



- Cyan (82%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (84%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2901E9 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 2901E9 by changing the saturation by 10% instead.

 2901E9

 2901E9

FFFFFF

 0000CC

 7E46FF

 0000AF

 9F61FF

 000094

 C07DFF

 000079

 E198FF

 000E5F

 FFB4FF

 000846

 FFD1FF

 00042F

 FFEEFF

 000119

 000000

■ 2901E9

■ 2901E9

■ 2800E9

■ 3C18E9

■ 5030E9

■ 6347E9

■ 765EE9

■ 8976E9

■ 9D8DE9

■ B0A4E9

■ C3BBE9

■ D7D3E9

Harmonies

Analogous

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



0056FF



2901E9



BE0096

Triad

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



2901E9



901400



00625D

Complementary

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



2901E9



C1E901

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.



005F00



2901E9



444C00

Square

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



2901E9



C50000



005B00



0066BE

Rectangle

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



2901E9



D80057



005B00



00613B

Sweetspot

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



2901E9



C0B3FF



01C2E9



5A5280



000000



808080

Same Dimension

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



2901E9



2C00FF



9C01E9



6C6A75



1F00B5



090036

Inverse Universe

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



E901C1



FF00D3



4EE901



756A73



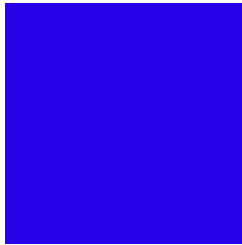
B50096



36002C

Previews

White Background



This preview shows how the Hex color 2901E9 looks on a white background.

Color Contrast Check

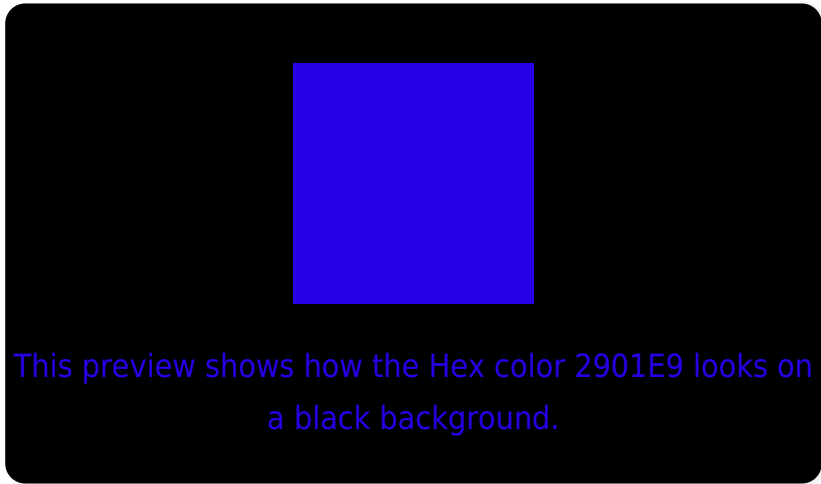
Large Text (above 18pt) WCAG AA ✓ Pass

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

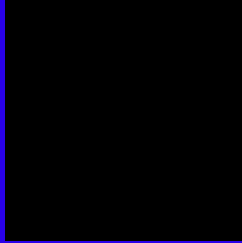
Any Text WCAG AA × Fail

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 2901E9 Background



This preview shows how black text looks on a background with the Hex color 2901E9.



This preview shows how white text looks on a background with the Hex color 2901E9.

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



Trichromacy



Original Color
2901E9

Protanomaly
0F2DB2

Deuteranomaly
0F30A4

Tritanomaly
0F348A

Monochromacy



Original Color
2901E9

Achromatopsia
272727

Achromatomaly
28196E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2901E9 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 #2901E9 looks like.

```
.text, #text, p{  
    color:#2901E9  
}
```

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 #2901E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2901E9
}
```

Border

The CSS property to change the border of an element to Hex 2901E9 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
#2901E9 }
```

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

```
.border{ border-color:#2901E9 }
```

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

Here you see how a box with a 4 pixel #2901E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2901E9; -webkit-box-shadow:4px 4px  
4px 4px #2901E9; box-shadow:4px 4px 4px  
4px #2901E9 }
```

Background

The CSS property to change the background color of an element to Hex 2901E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2901E9 }
```

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

```
.background{ background-color:#2901E9 }
```

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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