

# Converting Colors

Hex(2909EE)

Have a look what the booklet for  
Hex(2909EE) contains.

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# Color

**Hex(2909EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2909EE
RGB	41, 9, 238
RGB Percent	16%, 4%, 93%
CMY	0.8392, 0.9647, 0.0667
CMYK	0.83, 0.96, 0.00, 0.07
HSL	248°, 93%, 48%
HSV	248°, 96%, 93%
XYZ	16.4448, 6.8398, 81.3424
YIQ	44.6740, -54.4370, 78.0030

# Conversions

## Conversions Part 2

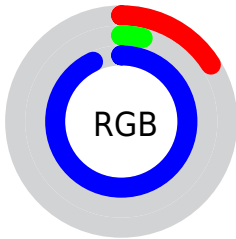
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 9, 238
Decimal	2689518
CIE Lab	31.44, 74.13, -99.68
CIE LCh	31, 124.226, 306.637
Yxy	6.8398, 0.1572, 0.0654
Android (android.graphics.Color)	4280879598 (0xFF2909EE)
YUV	44.6740, 95.3097, -3.2221
Hunter-Lab	26.1531, 66.4708, -166.0991

# Details

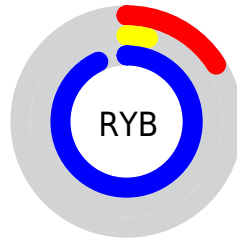
The Hex color **2909EE** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **CEEE09**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7F4AFF**, and **0000B4** is the 20% darker color. If you saturate the color by 10%, you get **2100EE**, and if you desaturate by 10%, it is **3D21EE**.

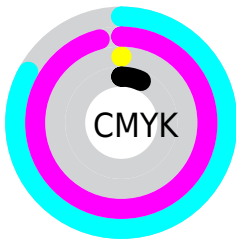
# Distribution



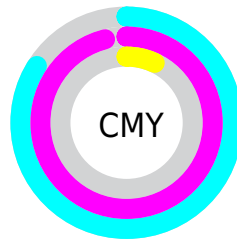
- Red (16%)
- Green (4%)
- Blue (93%)



- Red (16%)
- Yellow (4%)
- Blue (93%)



- Cyan (83%)
- Magenta (96%)
- Yellow (0%)
- Black (7%)







- Cyan (84%)
- Magenta (96%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2909EE 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 2909EE by changing the saturation by 10% instead.



 2909EE	 2909EE
 FFFFFFFF	 0000D1
 7F4AFF	 0000B4
 A165FF	 000098
 C280FF	 00007D
 E29CFF	 000F63
 FFB8FF	 00094A
 FFD5FF	 000432
 FFF2FF	 00021C
	 000000

■ 2909EE

■ 2909EE

■ 2100EE

■ 3D21EE

■ 5239EE

■ 6650EE

■ 7B68EE

■ 8F80EE

■ A498EE

■ B8B0EE

■ CDC7EE

■ E1DFEE

# Harmonies

## Analogous

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



0059FF



2909EE



C2009A

# Triad

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



2909EE



941600



00655F

# Complementary

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



2909EE



CEEE09

# 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.



006200



2909EE



484F00

# Square

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



2909EE



CA0000



005E00



0069C1

# Rectangle

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



2909EE



DD005A



005E00



00643C



# Sweetspot

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



2909EE



BFB5FF



09CFEE



595380



000000



808080



# Same Dimension

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



2909EE



2400FF



9A09EE



6E6C78



1A00B8



080038



# Inverse Universe

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



EE09CE



FF00DB



5DEE09



786C76



B8009E

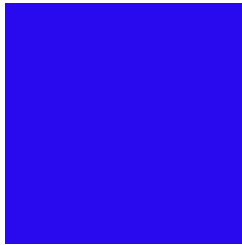


380030



# Previews

## White Background



This preview shows how the Hex color 2909EE looks on a white background.

## Color Contrast Check

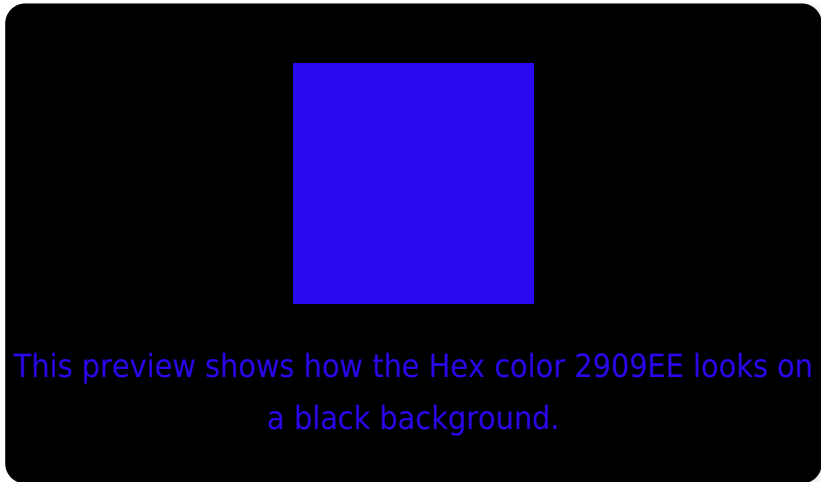
Large Text (above 18pt) WCAG AA ✓ Pass

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 2909EE Background



This preview shows how black text looks on a background with the Hex color 2909EE.



This preview shows how white text looks on a background with the Hex color 2909EE.

# 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**  
2909EE

**Protanopia**  
004896

**Deuteranopia**  
004D7F



# Trichromacy



**Original Color**  
2909EE

**Protanomaly**  
0F31B6

**Deuteranomaly**  
0F34A7

**Tritanomaly**  
0F388D

# Monochromacy



**Original Color**  
2909EE

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
2C2073

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2909EE 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 #2909EE looks like.

```
.text, #text, p{  
    color:#2909EE  
}
```

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 #2909EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2909EE
}
```

## Border

The CSS property to change the border of an element to Hex 2909EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

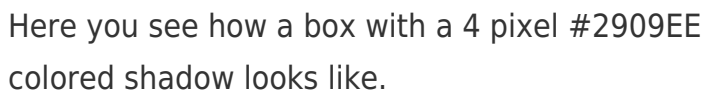
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2909EE }
```

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

```
.border{ border-color:#2909EE }
```

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



Here you see how a box with a 4 pixel #2909EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2909EE; -webkit-box-shadow:4px 4px  
4px 4px #2909EE; box-shadow:4px 4px 4px  
4px #2909EE }
```

# Background

The CSS property to change the background color of an element to Hex 2909EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2909EE }
```

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

```
.background{ background-color:#2909EE }
```

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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