

# Converting Colors

Hex(C29FE2)

Have a look what the booklet for  
Hex(C29FE2) contains.

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# **Color**

**Hex(C29FE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C29FE2
RGB	194, 159, 226
RGB Percent	76%, 62%, 89%
CMY	0.2392, 0.3765, 0.1137
CMYK	0.14, 0.30, 0.00, 0.11
HSL	271°, 54%, 75%
HSV	271°, 30%, 89%
XYZ	48.3737, 41.7566, 77.4618
YIQ	177.1030, -0.6470, 28.2570

# Conversions

## Conversions Part 2

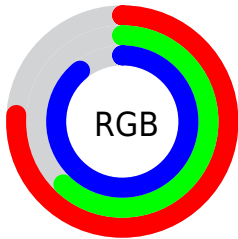
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 159, 226</a>
Decimal	<a href="#">12754914</a>
CIELab	<a href="#">70.70, 25.48, -29.05</a>
CIELCh	<a href="#">71, 38.647, 311.255</a>
Yxy	<a href="#">41.7566, 0.2886, 0.2492</a>
Android (android.graphics.Color)	<a href="#">4290944994 (0xFFC29FE2)</a>
YUV	<a href="#">177.1030, 24.1062, 14.8187</a>
Hunter-Lab	<a href="#">64.6193, 20.5404, -25.8397</a>

# Details

The Hex color **C29FE2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BFE29F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FBD6FF**, and **8C6BAA** is the 20% darker color. If you saturate the color by 10%, you get **B788E2**, and if you desaturate by 10%, it is **CDB6E2**.

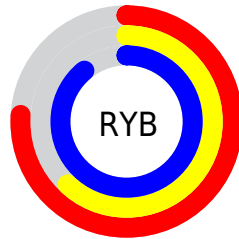
# Distribution



Red (76%)

Green (62%)

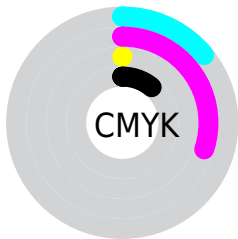
Blue (89%)



Red (76%)

Yellow (62%)

Blue (89%)

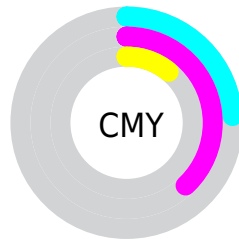


Cyan (14%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (38%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C29FE2 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 C29FE2 by changing the saturation by 10% instead.



 C29FE2

 C29FE2


FFFFFF

 A685C6

 FBD6FF

 8C6BAA

 FFF2FF

 715390

 583B76

 40255D

 280F45

 16002F

 000119

 000000

 C29FE2

 C29FE2

 B788E2

 CDB6E2

 AC72E2

 D8CCE2

 A25BE2


 E2E3E2

 9745E2

 EDF9E2

 8C2EE2

 F8FFE2

 8117E2

 FFFFE2

 7601E2

 7600E2

# Harmonies

## Analogous

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



90ACF2



C29FE2



E494C4

# Triad

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



C29FE2



D7A36B



2FC0B9

# Complementary

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



C29FE2



BFE29F

# 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.



64BE95



C29FE2



B7AF67

# Square

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



C29FE2



EC9880



90B877



0BBDDA

# Rectangle

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



C29FE2



EF91AD



90B877



42C0AD



# Sweetspot

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



C29FE2



F4E8FF



9FBFE2



797180



000000



808080



# Same Dimension

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



C29FE2



D3A3FF



E29FE1



6B6570



5C00B0



190030



# Inverse Universe

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



E29FBF



FFA3CF



9FE2A0



70656A



B00054

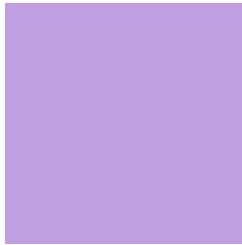


300017



# Previews

## White Background



This preview shows how the Hex color C29FE2 looks on a white background.

## Color Contrast Check

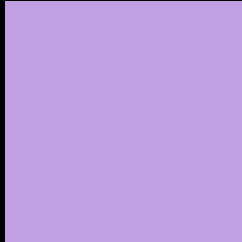
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C29FE2 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C29FE2 Background



This preview shows how black text looks on a background with the Hex color C29FE2.

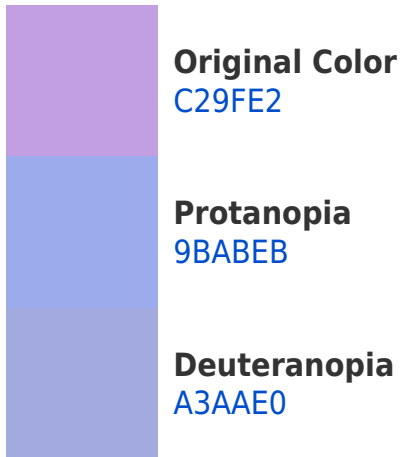


This preview shows how white text looks on a background with the Hex color C29FE2.

# 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](#).

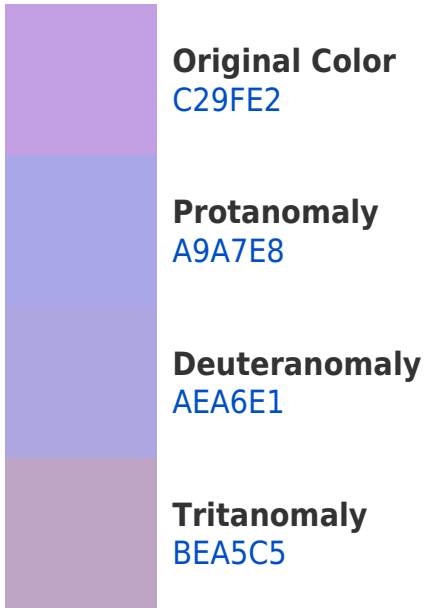
## Dichromacy



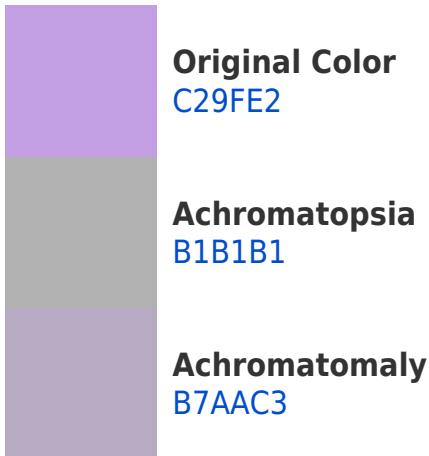


**Tritanopia**  
BBA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C29FE2 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 #C29FE2 looks like.

```
.text, #text, p{  
    color:#C29FE2  
}
```

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 #C29FE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29FE2
}
```

## Border

The CSS property to change the border of an element to Hex C29FE2 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
#C29FE2 }
```

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

```
.border{ border-color:#C29FE2 }
```

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

Here you see how a box with a 4 pixel #C29FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29FE2; -webkit-box-shadow:4px 4px  
4px 4px #C29FE2; box-shadow:4px 4px 4px  
4px #C29FE2 }
```

# Background

The CSS property to change the background color of an element to Hex C29FE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29FE2 }
```

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

```
.background{ background-color:#C29FE2 }
```

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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