

Converting Colors

Hex(C949E9)

Have a look what the booklet for
Hex(C949E9) contains.

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Color

Hex(C949E9)

Conversions

Conversions Part 1

Format	Color
Hex	C949E9
RGB	201, 73, 233
RGB Percent	79%, 29%, 91%
CMY	0.2118, 0.7137, 0.0863
CMYK	0.14, 0.69, 0.00, 0.09
HSL	288°, 78%, 60%
HSV	288°, 69%, 91%
XYZ	41.1779, 23.0658, 79.3726
YIQ	129.5120, 24.9280, 76.8960

Conversions

Conversions Part 2

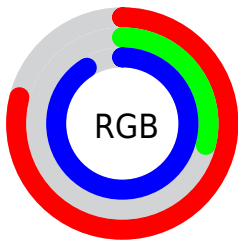
Format	Color
R_{YB}	201, 73, 233
Decimal	13191657
CIE _{Lab}	55.14, 71.70, -57.34
CIE _{LCh}	55, 91.809, 321.348
Yxy	23.0658, 0.2867, 0.1606
Android (android.graphics.Color)	4291381737 (0xFFC949E9)
YUV	129.5120, 51.0196, 62.6950
Hunter-Lab	48.0269, 68.9978, -64.3681

Details

The Hex color **C949E9** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **69E949**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF83FF**, and **8F00B0** is the 20% darker color. If you saturate the color by 10%, you get **C432E9**, and if you desaturate by 10%, it is **CE60E9**.

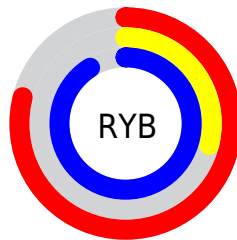
Distribution



Red (79%)

Green (29%)

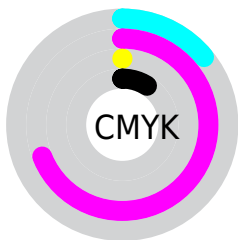
Blue (91%)



Red (79%)

Yellow (29%)

Blue (91%)

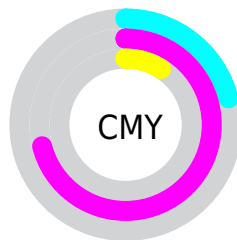


Cyan (14%)

Magenta (69%)

Yellow (0%)

Black (9%)



Cyan (21%)

Magenta (71%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color C949E9 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 C949E9 by changing the saturation by 10% instead.

 C949E9

 C949E9

FFFFFF

 AC28CC

 FF83FF

 8F00B0

 FFA0FF

 720095

 FFBDFE


 56007B

 FFDAFF

 3A0061

 FFF8FF

 1C0048

 000030

 00011B

 000000

 C949E9

 C949E9

 C432E9

 CE60E9

 C01AE9

 D278E9

 BB03E9

 D78FE9

 BA00E9

 DCA6E9

 E0BEE9

 E5D5E9

 EAECE9

 EEFFE9

 F3FFE9

Harmonies

Analogous

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



087AFF



C949E9



FF009F

Triad

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



C949E9



B47900



00A5BC

Complementary

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



C949E9



69E949

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.



00A36A



C949E9



6A9100

Square

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



C949E9



EA4F00



009D00



00A2FF

Rectangle

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



C949E9



FF006A



009D00



00A4A1

Sweetspot

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



C949E9



F4C9FF



4969E9



796080



000000



808080

Same Dimension

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



C949E9



D52EFF



E949B9



736A75



9100B5



2B0036

Inverse Universe

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



E94969



FF2E58



49E979



756A6C



B50024



36000B

Previews

White Background



This preview shows how the Hex color C949E9 looks on a white background.

Color Contrast Check

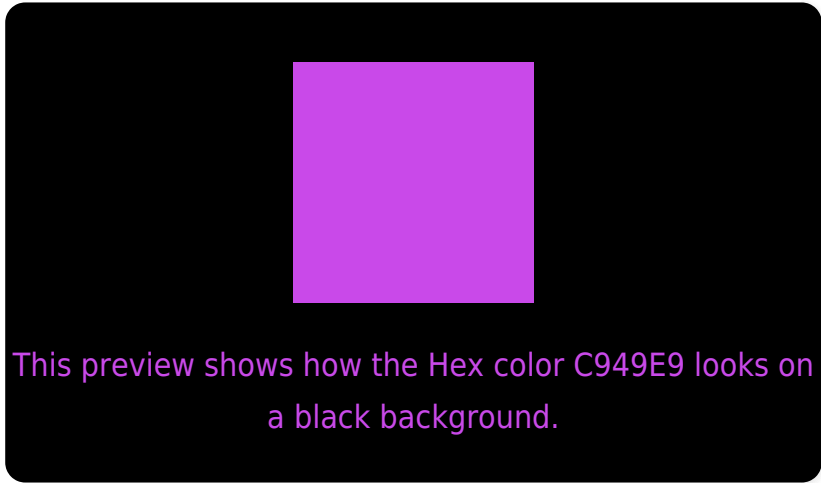
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

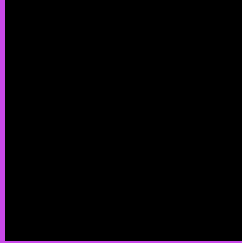
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C949E9 Background



This preview shows how black text looks on a background with the Hex color C949E9.

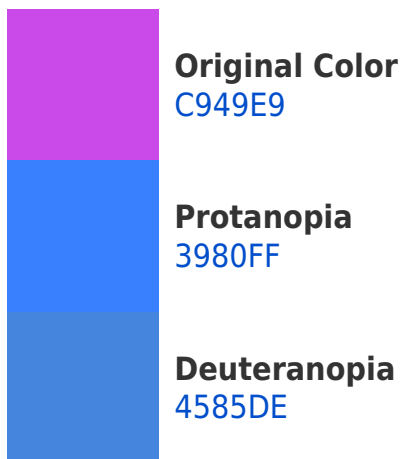


This preview shows how white text looks on a background with the Hex color C949E9.

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
B96E77

Trichromacy



Original Color
C949E9



Protanomaly
6D6CF7



Deuteranomaly
756FE2



Tritanomaly
BF61A0

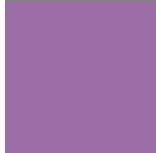
Monochromacy



Original Color
C949E9



Achromatopsia
828282



Achromatomaly
9C6DA7

CSS Examples

Text

The CSS property to change the color of the text to Hex C949E9 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 #C949E9 looks like.

```
.text, #text, p{  
    color:#C949E9  
}
```

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 #C949E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C949E9
}
```

Border

The CSS property to change the border of an element to Hex C949E9 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
#C949E9 }
```

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

```
.border{ border-color:#C949E9 }
```

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

Here you see how a box with a 4 pixel #C949E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C949E9; -webkit-box-shadow:4px 4px  
4px 4px #C949E9; box-shadow:4px 4px 4px  
4px #C949E9 }
```

Background

The CSS property to change the background color of an element to Hex C949E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C949E9 }
```

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

```
.background{ background-color:#C949E9 }
```

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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