

Converting Colors

Hex(CC9EF5)

Have a look what the booklet for
Hex(CC9EF5) contains.

Hex(CC9EF5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CC9EF5)

Conversions

Conversions Part 1

Format	Color
Hex	CC9EF5
RGB	204, 158, 245
RGB Percent	80%, 62%, 96%
CMY	0.2000, 0.3804, 0.0392
CMYK	0.17, 0.36, 0.00, 0.04
HSL	272°, 81%, 79%
HSV	272°, 36%, 96%
XYZ	53.6101, 43.8837, 92.0310
YIQ	181.6720, -0.5110, 36.8090

Conversions

Conversions Part 2

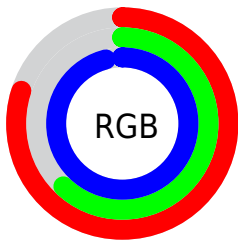
Format	Color
RYB	204, 158, 245
Decimal	13410037
CIELab	72.15, 33.16, -37.11
CIElCh	72, 49.768, 311.777
Yxy	43.8837, 0.2829, 0.2315
Android (android.graphics.Color)	429160017 (0xFFCC9EF5)
YUV	181.6720, 31.2207, 19.5817
Hunter-Lab	66.2447, 28.5271, -35.9978

Details

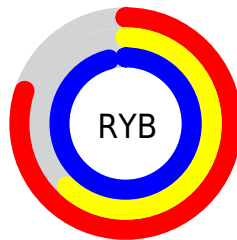
The Hex color **CC9EF5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C7F59E**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD5FF**, and **946ABC** is the 20% darker color. If you saturate the color by 10%, you get **C086F5**, and if you desaturate by 10%, it is **D8B7F5**.

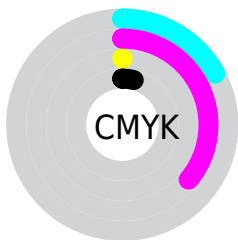
Distribution



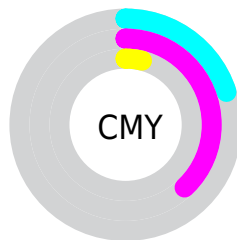
- Red (80%)
- Green (62%)
- Blue (96%)



- Red (80%)
- Yellow (62%)
- Blue (96%)



- Cyan (17%)
- Magenta (36%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (38%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC9EF5 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 CC9EF5 by changing the saturation by 10% instead.

 CC9EF5

 CC9EF5

FFFFFF

 B084D8

 FFD5FF

 946ABC

 FFF2FF


 7A51A1

 603987

 46226D

 2D0B54

 17003D

 000226

 00010F

 CC9EF5

 CC9EF5

 C086F5

 D8B7F5

 B56DF5

 E3CFF5

 A955F5

 EFE8F5

 9E3CF5

 FAFFF5

 9224F5

 FFFFF5

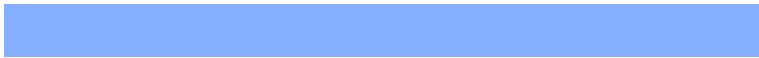
 870BF5

 8200F5

Harmonies

Analogous

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



86B0FF



CC9EF5



F78FCE

Triad

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



CC9EF5



E4A55A



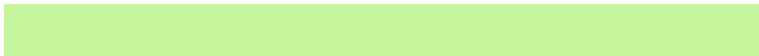
00C8C2

Complementary

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



CC9EF5



C7F59E

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.



46C693



CC9EF5



BBB455

Square

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



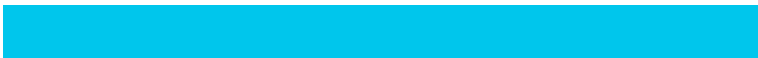
CC9EF5



FF9476



89C06B



00C6EC

Rectangle

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



CC9EF5



FF8BB0



89C06B



00C8B2

Sweetspot

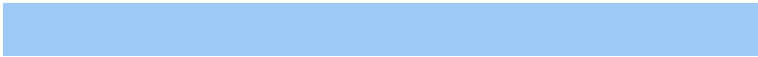
The Sweet Spot groups the original color and five complimentary colors.



CC9EF5



F2E3FF



9EC8F5



786F80



000000



808080

Same Dimension

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



CC9EF5



CB91FF



F59EF4



756E7A



6200BA



1F003B

Inverse Universe

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



F59EC7



FF91C5



9EF59F



7A6E74



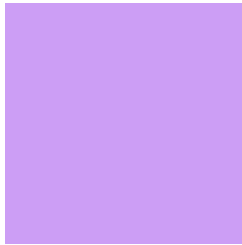
BA0058



3B001C

Previews

White Background



This preview shows how the Hex color CC9EF5 looks on a white background.

Color Contrast Check

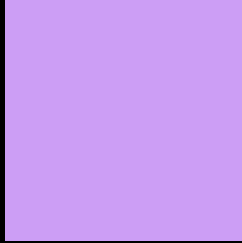
Large Text (above 18pt) WCAG AA × Fail

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 CC9EF5 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 CC9EF5 Background



This preview shows how black text looks on a background with the Hex color CC9EF5.

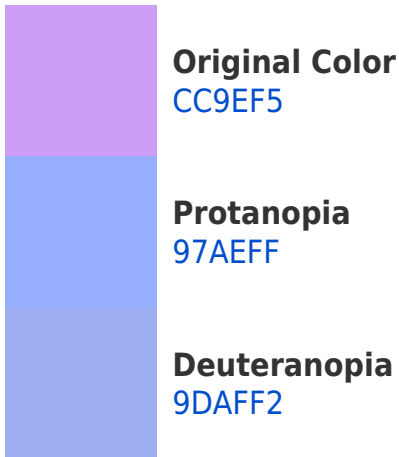


This preview shows how white text looks on a background with the Hex color CC9EF5.

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
C2AAB8

Trichromacy



Original Color
CC9EF5



Protanomaly
AAA8FB



Deuteranomaly
AEA9F3



Tritanomaly
C6A6CE

Monochromacy



Original Color
CC9EF5



Achromatopsia
B6B6B6



Achromatomaly
BEADCD

CSS Examples

Text

The CSS property to change the color of the text to Hex CC9EF5 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 #CC9EF5 looks like.

```
.text, #text, p{  
    color:#CC9EF5  
}
```

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 #CC9EF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9EF5
}
```

Border

The CSS property to change the border of an element to Hex CC9EF5 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
#CC9EF5 }
```

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

```
.border{ border-color:#CC9EF5 }
```

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

Here you see how a box with a 4 pixel #CC9EF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9EF5; -webkit-box-shadow:4px 4px  
4px 4px #CC9EF5; box-shadow:4px 4px 4px  
4px #CC9EF5 }
```

Background

The CSS property to change the background color of an element to Hex CC9EF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9EF5 }
```

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

```
.background{ background-color:#CC9EF5 }
```

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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