

Converting Colors

Hex(9C66E5)

Have a look what the booklet for
Hex(9C66E5) contains.

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Color

Hex(9C66E5)

Conversions

Conversions Part 1

Format	Color
Hex	9C66E5
RGB	156, 102, 229
RGB Percent	61%, 40%, 90%
CMY	0.3882, 0.6000, 0.1020
CMYK	0.32, 0.55, 0.00, 0.10
HSL	266°, 71%, 65%
HSV	266°, 55%, 90%
XYZ	32.6045, 22.2278, 76.7007
YIQ	132.6240, -8.5830, 50.9450

Conversions

Conversions Part 2

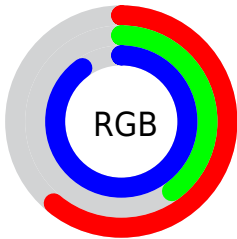
Format	Color
R_{YB}	156, 102, 229
Decimal	10249957
CIE _{Lab}	54.27, 47.13, -56.80
CIE _{LCh}	54, 73.812, 309.685
Yxy	22.2278, 0.2479, 0.1690
Android (android.graphics.Color)	4288440037 (0xFF9C66E5)
YUV	132.6240, 47.5134, 20.5008
Hunter-Lab	47.1464, 40.9372, -63.4542

Details

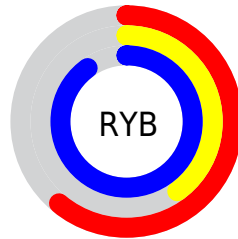
The Hex color **9C66E5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AFE566**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D69BFF**, and **6434AD** is the 20% darker color. If you saturate the color by 10%, you get **8F4FE5**, and if you desaturate by 10%, it is **A97DE5**.

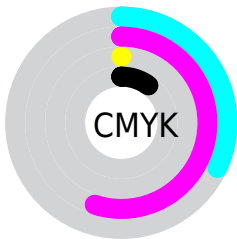
Distribution



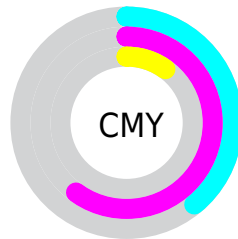
- Red (61%)
- Green (40%)
- Blue (90%)



- Red (61%)
- Yellow (40%)
- Blue (90%)



- Cyan (32%)
- Magenta (55%)
- Yellow (0%)
- Black (10%)



- Cyan (39%)
- Magenta (60%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C66E5 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 9C66E5 by changing the saturation by 10% instead.

 9C66E5

 9C66E5

FFFFFF

 804DC8

 D69BFF

 6434AD


 F3B6FF

 481A92

 FFD2FF

 2A0077

 FFEFFF

 01005E

 000045

 00032E

 000118

 000000

 9C66E5

 9C66E5

 8F4FE5

 A97DE5

 8238E5

 B694E5

 7521E5

 C3ABE5

 670AE5

 D1C2E5

 6100E5

 DED9E5

 EBEFE5

 F8FFE5

 FFFFE5

Harmonies

Analogous

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



0083FF



9C66E5



DC42AF

Triad

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



9C66E5



BF6E00



009E95

Complementary

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



9C66E5



AFE566

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.



009B53



9C66E5



8A8600

Square

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



9C66E5



E44E33



419400



009CD2

Rectangle

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



9C66E5



EE3385



419400



009D7F

Sweetspot

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



9C66E5



E6D4FF



66B0E5



716680



000000



808080

Same Dimension

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



9C66E5



9D54FF



DA66E5



6C6773



4C00B3



160033

Inverse Universe

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



E566AF



FF54B6



71E566



73676E



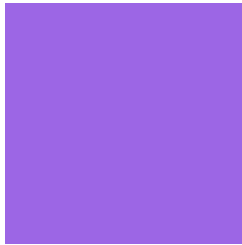
B30067



33001D

Previews

White Background



This preview shows how the Hex color 9C66E5 looks on a white background.

Color Contrast Check

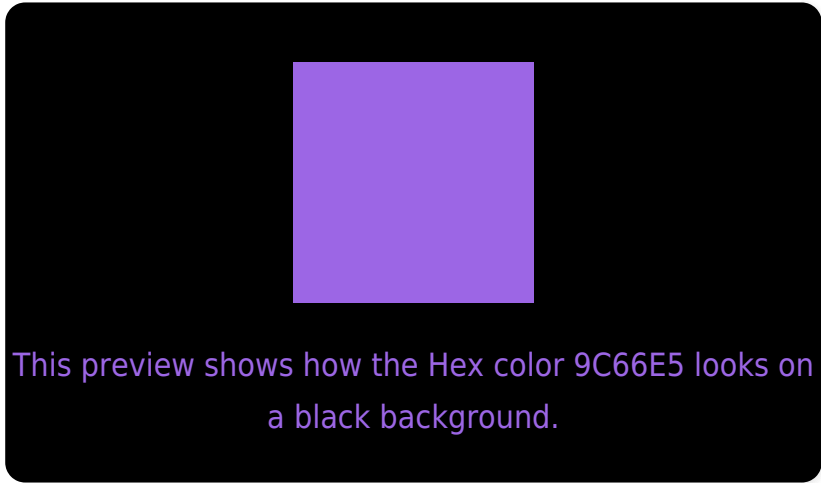
Large Text (above 18pt) WCAG AA ✓ Pass

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

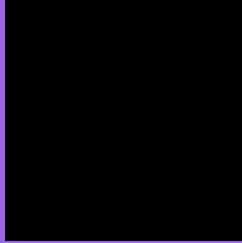
Any Text WCAG AA ✓ Pass

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 9C66E5 Background



This preview shows how black text looks on a background with the Hex color 9C66E5.

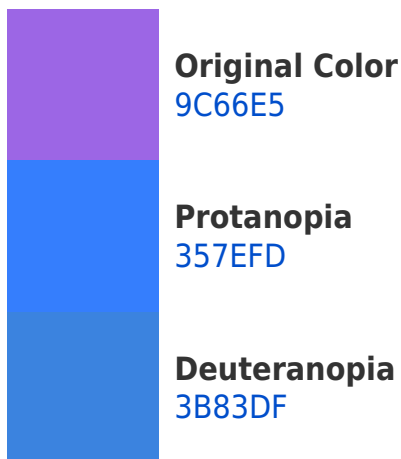


This preview shows how white text looks on a background with the Hex color 9C66E5.

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](#).

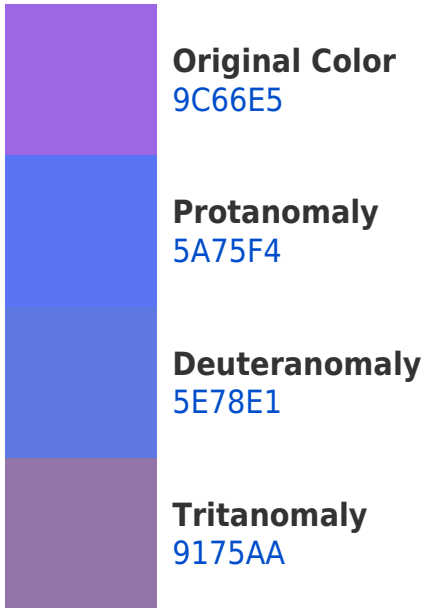
Dichromacy



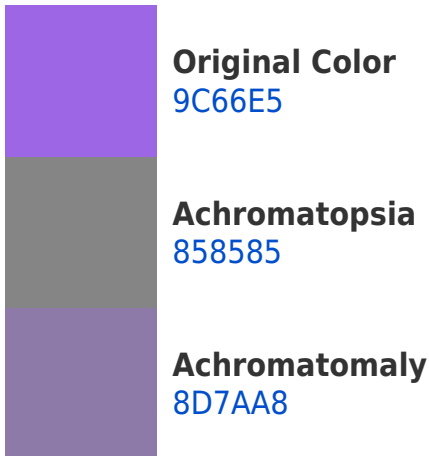


Tritanopia
8A7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C66E5 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 #9C66E5 looks like.

```
.text, #text, p{  
    color:#9C66E5  
}
```

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 #9C66E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C66E5  
}
```

Border

The CSS property to change the border of an element to Hex 9C66E5 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".

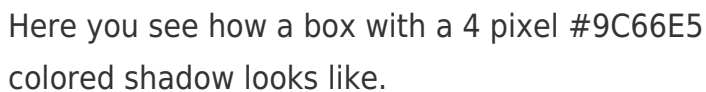
```
.border, #border, table{ border:4px solid  
#9C66E5 }
```

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

```
.border{ border-color:#9C66E5 }
```

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

Here you see how a box with a 4 pixel #9C66E5 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a vertical purple shadow on the right side of the box, extending from the top to the bottom. The shadow is a darker shade of purple than the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C66E5; -webkit-box-shadow:4px 4px  
4px 4px #9C66E5; box-shadow:4px 4px 4px  
4px #9C66E5 }
```

Background

The CSS property to change the background color of an element to Hex 9C66E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C66E5 }
```

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

```
.background{ background-color:#9C66E5 }
```

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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