

Converting Colors

Hex(9666E3)

Have a look what the booklet for
Hex(9666E3) contains.

| | |
|--|----|
| Hex(9666E3) | 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(9666E3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9666E3 |
| RGB | 150, 102, 227 |
| RGB Percent | 59%, 40%, 89% |
| CMY | 0.4118, 0.6000, 0.1098 |
| CMYK | 0.34, 0.55, 0.00, 0.11 |
| HSL | 263°, 69%, 65% |
| HSV | 263°, 55%, 89% |
| XYZ | 31.1942, 21.5328, 75.1852 |
| YIQ | 130.6020, -11.5170, 49.0510 |

Conversions

Conversions Part 2

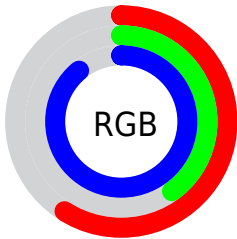
| Format | Color |
|-------------------------------------|--|
| RYB | 150, 102, 227 |
| Decimal | 9856739 |
| CIELab | 53.53, 45.20, -56.90 |
| CIELCh | 54, 72.669, 308.464 |
| Yxy | 21.5328, 0.2439, 0.1683 |
| Android (android.graphics.Color) | 4288046819 (0xFF9666E3) |
| YUV | 130.6020, 47.5242, 17.0120 |
| Hunter-Lab | 46.4035, 38.7884, -63.5821 |

Details

The Hex color **9666E3** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B3E366**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D09AFF**, and **5E34AB** is the 20% darker color. If you saturate the color by 10%, you get **884FE3**, and if you desaturate by 10%, it is **A47DE3**.

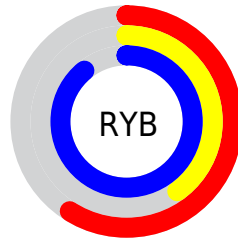
Distribution



Red (59%)

Green (40%)

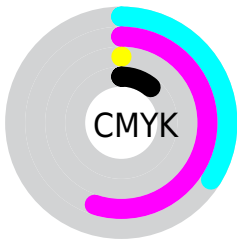
Blue (89%)



Red (59%)

Yellow (40%)

Blue (89%)

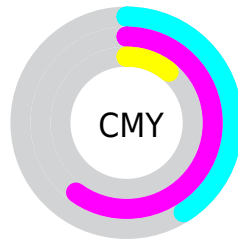


Cyan (34%)

Magenta (55%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (60%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9666E3 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 9666E3 by changing the saturation by 10% instead.

 9666E3

 9666E3

FFFFFF

 7A4DC7

 D09AFF

 5E34AB

 EDB6FF

 411C90

 FFD2FF

 220175

 FFEEFF

 00005C

 000043

 00032C

 000117

 000000

9666E3

9666E3

884FE3

A47DE3

7A39E3

B293E3

6C22E3

C0AAE3

5E0BE3

CEC1E3

5700E3

DCD8E3

EAE3E3

F8FFE3

FFFFE3

Harmonies

Analogous

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



0082FD



9666E3



D743AF

Triad

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



9666E3



BE6C00



009B91

Complementary

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



9666E3



B3E366

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.



00994F



9666E3



8B8300

Square

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



9666E3



E24C35



449100



009ACD

Rectangle

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



9666E3



E93486



449100



009B7B

Sweetspot

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



9666E3



E4D4FF



66B3E3



706680



000000



808080

Same Dimension

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



9666E3



9757FF



D466E3



6C6773



4500B3



140033

Inverse Universe

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



E366B3



FF57BE



75E366



73676E



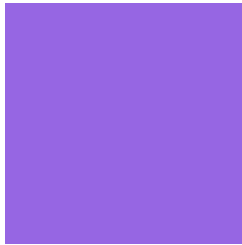
B3006E



33001F

Previews

White Background



This preview shows how the Hex color 9666E3 looks on a white background.

Color Contrast Check

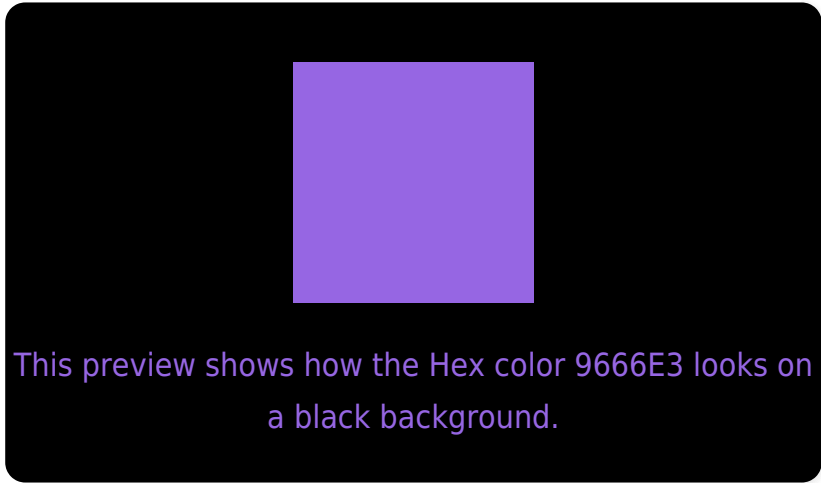
Large Text (above 18pt) WCAG AA ✓ Pass

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 9666E3 Background



This preview shows how black text looks on a background with the Hex color 9666E3.



This preview shows how white text looks on a background with the Hex color 9666E3.

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
837E88

Trichromacy



Original Color
9666E3



Protanomaly
5874F1



Deuteranomaly
5A77DF



Tritanomaly
8A75A9

Monochromacy



Original Color
9666E3



Achromatopsia
838383



Achromatomaly
8A78A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9666E3 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 #9666E3 looks like.

```
.text, #text, p{  
    color:#9666E3  
}
```

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 #9666E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9666E3
}
```

Border

The CSS property to change the border of an element to Hex 9666E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

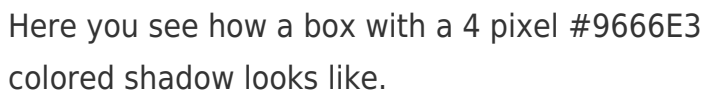
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9666E3 }
```

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

```
.border{ border-color:#9666E3 }
```

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



Here you see how a box with a 4 pixel #9666E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9666E3; -webkit-box-shadow:4px 4px  
4px 4px #9666E3; box-shadow:4px 4px 4px  
4px #9666E3 }
```

Background

The CSS property to change the background color of an element to Hex 9666E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9666E3 }
```

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

```
.background{ background-color:#9666E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor