

Converting Colors

Hex(968DD3)

Have a look what the booklet for
Hex(968DD3) contains.

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Color

Hex(968DD3)

Conversions

Conversions Part 1

Format	Color
Hex	968DD3
RGB	150, 141, 211
RGB Percent	59%, 55%, 83%
CMY	0.4118, 0.4471, 0.1725
CMYK	0.29, 0.33, 0.00, 0.17
HSL	248°, 44%, 69%
HSV	248°, 33%, 83%
XYZ	33.8604, 30.2369, 65.6797
YIQ	151.6710, -17.1060, 23.6780

Conversions

Conversions Part 2

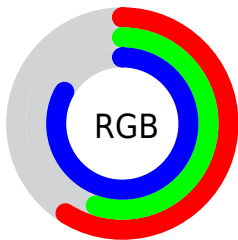
Format	Color
RYB	150, 141, 211
Decimal	9866707
CIELab	61.86, 18.85, -34.75
CIElCh	62, 39.535, 298.484
Yxy	30.2369, 0.2609, 0.2330
Android (android.graphics.Color)	4288056787 (0xFF968DD3)
YUV	151.6710, 29.2492, -1.4655
Hunter-Lab	54.9881, 13.6870, -32.3263

Details

The Hex color **968DD3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CAD38D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CEC3FF**, and **615B9C** is the 20% darker color. If you saturate the color by 10%, you get **8478D3**, and if you desaturate by 10%, it is **A8A2D3**.

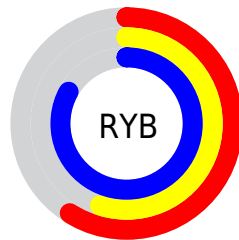
Distribution



Red (59%)

Green (55%)

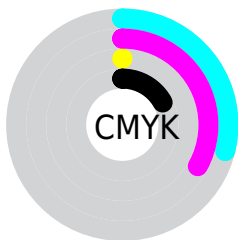
Blue (83%)



Red (59%)

Yellow (55%)

Blue (83%)

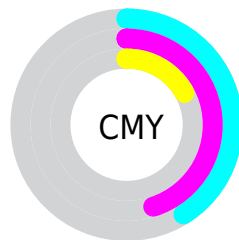


Cyan (29%)

Magenta (33%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (45%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 968DD3 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 968DD3 by changing the saturation by 10% instead.

968DD3

968DD3

FFFFFF

7B73B7

CEC3FF

615B9C

EADFFF

474382

FFFBFF

2E2D68

131950

000039

000222

000008


000000

 968DD3

 968DD3

 8478D3

 A8A2D3

 7163D3

 BBB7D3

 5F4ED3

 CDCCD3

 4C39D3

 E0E1D3

 3A24D3

 F2F7D3

 280ED3

 FFFFD3

 1B00D3

Harmonies

Analogous

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



5A9ADB



968DD3



BF80BB

Triad

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



968DD3



C8865B



20A892

Complementary

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



968DD3



CAD38D

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.



5FA470



968DD3



AD934E

Square

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



968DD3



D77C76



899D56



00A7B6

Rectangle

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



968DD3



D07BA4



899D56



3AA786

Sweetspot

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



968DD3



E9E6FF



8DCBD3



727080



000000



808080

Same Dimension

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



968DD3



A699FF



B88DD3



5F5E69



1600A8



050029

Inverse Universe

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



D38DCA



FF99F2



A8D38D



695E67



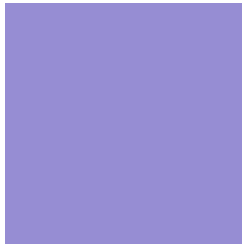
A80093



290024

Previews

White Background



This preview shows how the Hex color 968DD3 looks on a white background.

Color Contrast Check

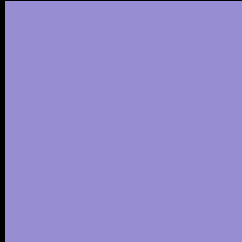
Large Text (above 18pt) WCAG AA × Fail

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 968DD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

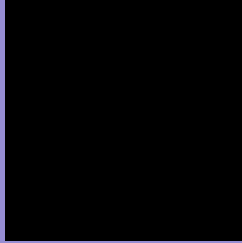
Any Text WCAG AA ✓ Pass

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 968DD3 Background



This preview shows how black text looks on a background with the Hex color 968DD3.

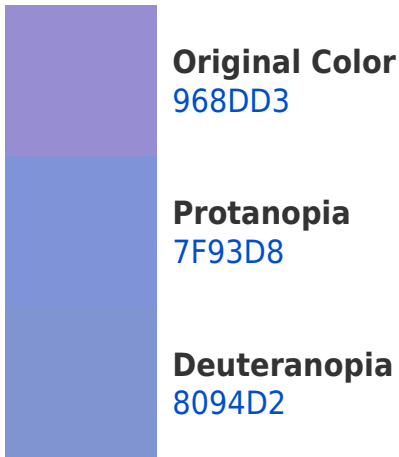


This preview shows how white text looks on a background with the Hex color 968DD3.

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](#).

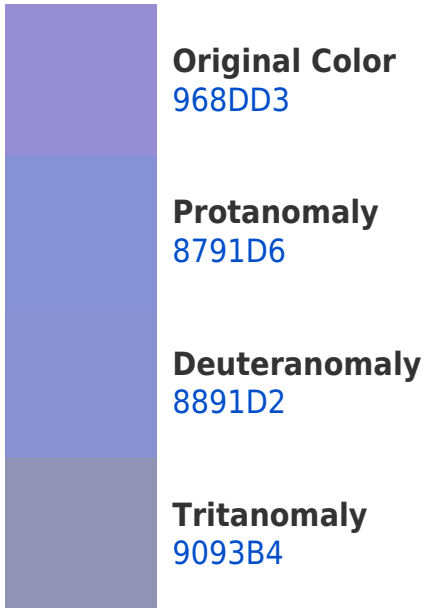
Dichromacy



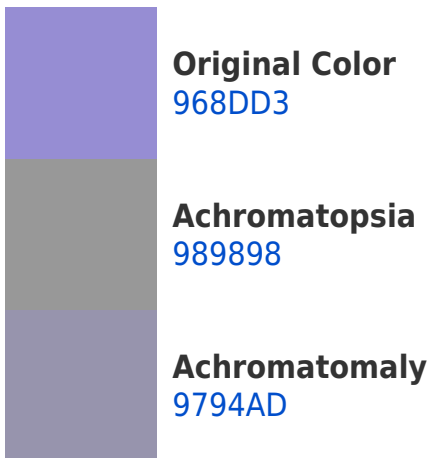


Tritanopia
8C97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 968DD3 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 #968DD3 looks like.

```
.text, #text, p{  
    color:#968DD3  
}
```

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 #968DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968DD3
}
```

Border

The CSS property to change the border of an element to Hex 968DD3 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
#968DD3 }
```

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

```
.border{ border-color:#968DD3 }
```

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

Here you see how a box with a 4 pixel #968DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968DD3; -webkit-box-shadow:4px 4px  
4px 4px #968DD3; box-shadow:4px 4px 4px  
4px #968DD3 }
```

Background

The CSS property to change the background color of an element to Hex 968DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968DD3 }
```

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

```
.background{ background-color:#968DD3 }
```

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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