

Converting Colors

Hex(968ED4)

Have a look what the booklet for
Hex(968ED4) contains.

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Color

Hex(968ED4)

Conversions

Conversions Part 1

Format	Color
Hex	968ED4
RGB	150, 142, 212
RGB Percent	59%, 56%, 83%
CMY	0.4118, 0.4431, 0.1686
CMYK	0.29, 0.33, 0.00, 0.17
HSL	247°, 45%, 69%
HSV	247°, 33%, 83%
XYZ	34.1343, 30.5835, 66.3915
YIQ	152.3720, -17.7020, 23.4660

Conversions

Conversions Part 2

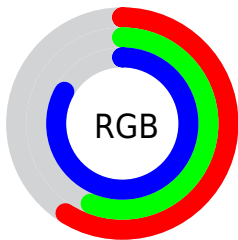
Format	Color
R_{YB}	150, 142, 212
Decimal	9866964
CIE _{Lab}	62.15, 18.53, -34.85
CIE _{LCh}	62, 39.467, 298.003
Yxy	30.5835, 0.2604, 0.2333
Android (android.graphics.Color)	4288057044 (0xFF968ED4)
YUV	152.3720, 29.3966, -2.0802
Hunter-Lab	55.3023, 13.3967, -32.4671

Details

The Hex color **968ED4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCD48E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CEC4FF**, and **615C9D** is the 20% darker color. If you saturate the color by 10%, you get **8379D4**, and if you desaturate by 10%, it is **A9A3D4**.

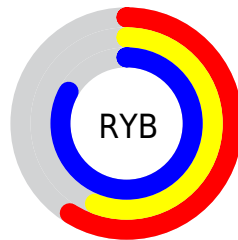
Distribution



Red (59%)

Green (56%)

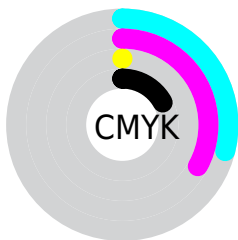
Blue (83%)



Red (59%)

Yellow (56%)

Blue (83%)

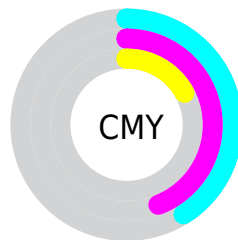


Cyan (29%)

Magenta (33%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (44%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 968ED4 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 968ED4 by changing the saturation by 10% instead.

968ED4

968ED4

FFFFFF

7B74B8

CEC4FF

615C9D

EAE0FF

474483

FFFCFF

2E2E69

121951

000039

000223

00000A

000000

 968ED4

 968ED4

 8379D4

 A9A3D4

 7064D4

 BCB8D4

 5E4ED4

 CECED4

 4B39D4

 E1E3D4

 3824D4

 F4F8D4

 250FD4

 FFFFD4

 1800D4

Harmonies

Analogous

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



5A9ADC



968ED4



C081BC

Triad

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



968ED4



CA875C



23A893

Complementary

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



968ED4



CCD48E

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.



60A570



968ED4



AE934F

Square

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



968ED4



D87D77



8B9E57



00A8B6

Rectangle

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



968ED4



D17CA6



8B9E57



3DA887

Sweetspot

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



968ED4



E8E6FF



8ECDD4



727080



000000



808080

Same Dimension

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



968ED4



A599FF



B88ED4



62606B



1400AB



05002B

Inverse Universe

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



D48ECC



FF99F3



AAD48E



6B606A



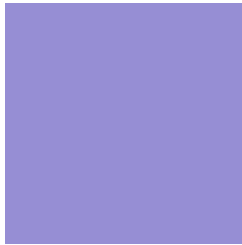
AB0097



2B0026

Previews

White Background



This preview shows how the Hex color 968ED4 looks on a white background.

Color Contrast Check

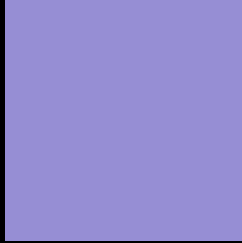
Large Text (above 18pt) WCAG AA × Fail

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 968ED4 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 968ED4 Background



This preview shows how black text looks on a background with the Hex color 968ED4.

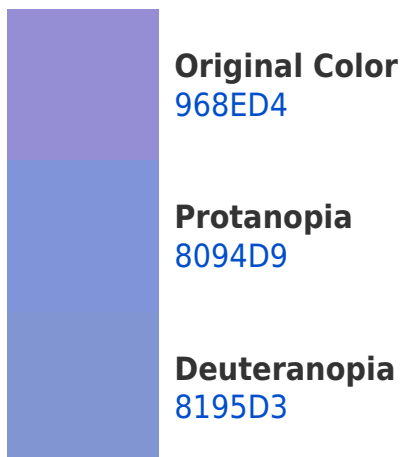


This preview shows how white text looks on a background with the Hex color 968ED4.

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](#).

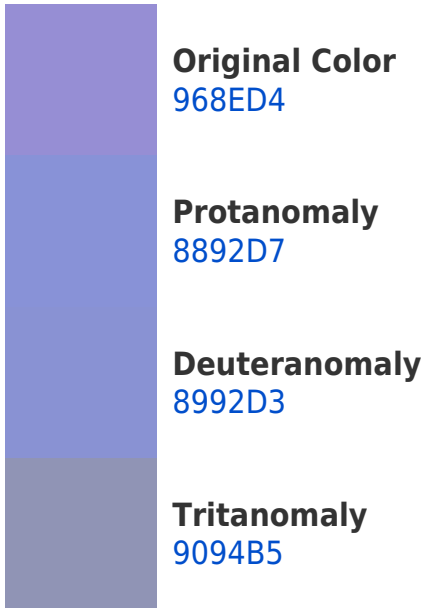
Dichromacy



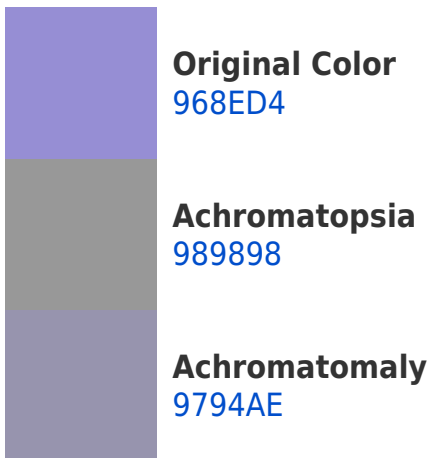


Tritanopia
8C98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 968ED4 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 #968ED4 looks like.

```
.text, #text, p{  
    color:#968ED4  
}
```

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 #968ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968ED4
}
```

Border

The CSS property to change the border of an element to Hex 968ED4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

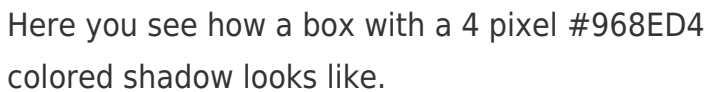
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#968ED4 }
```

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

```
.border{ border-color:#968ED4 }
```

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



Here you see how a box with a 4 pixel #968ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968ED4; -webkit-box-shadow:4px 4px  
4px 4px #968ED4; box-shadow:4px 4px 4px  
4px #968ED4 }
```

Background

The CSS property to change the background color of an element to Hex 968ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968ED4 }
```

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

```
.background{ background-color:#968ED4 }
```

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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