

Converting Colors

Hex(8768DE)

Have a look what the booklet for
Hex(8768DE) contains.

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Color

Hex(8768DE)

Conversions

Conversions Part 1

Format	Color
Hex	8768DE
RGB	135, 104, 222
RGB Percent	53%, 41%, 87%
CMY	0.4706, 0.5922, 0.1294
CMYK	0.39, 0.53, 0.00, 0.13
HSL	256°, 64%, 64%
HSV	256°, 53%, 87%
XYZ	28.1268, 20.3255, 71.5480
YIQ	126.7210, -19.4020, 43.2700

Conversions

Conversions Part 2

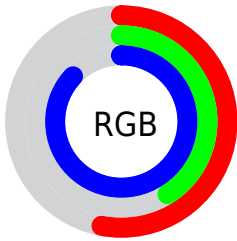
Format	Color
RYB	135, 104, 222
Decimal	8874206
CIELab	52.20, 39.21, -56.29
CIELCh	52, 68.599, 304.865
Yxy	20.3255, 0.2344, 0.1694
Android (android.graphics.Color)	4287064286 (0xFF8768DE)
YUV	126.7210, 46.9725, 7.2607
Hunter-Lab	45.0838, 32.4658, -62.5347

Details

The Hex color **8768DE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BFDE68**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C09CFF**, and **4E38A6** is the 20% darker color. If you saturate the color by 10%, you get **7752DE**, and if you desaturate by 10%, it is **977EDE**.

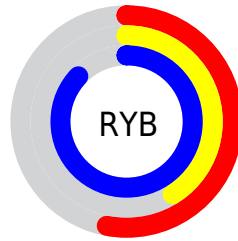
Distribution



Red (53%)

Green (41%)

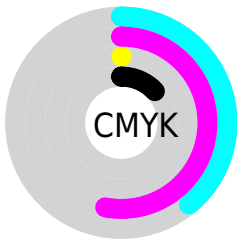
Blue (87%)



Red (53%)

Yellow (41%)

Blue (87%)

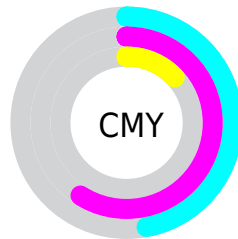


Cyan (39%)

Magenta (53%)

Yellow (0%)

Black (13%)



Cyan (47%)

Magenta (59%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8768DE 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 8768DE by changing the saturation by 10% instead.

 8768DE

 8768DE

FFFFFF

 6B4FC2

 C09CFF

 4E38A6

 DDB7FF

 31218B

 FBD3FF

 060971

 FFEFFF

 000058

 00023F

 000328

 000112

 000000

 8768DE

 8768DE

 7752DE

 977EDE

 663CDE

 A894DE

 5625DE

 B8ABDE

 460FDE

 C8C1DE

 3A00DE

 D9D7DE

 E9EDDE

 FAFFDE

 FFFFDE

Harmonies

Analogous

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



0081F3



8768DE



C949B0

Triad

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



8768DE



BD6600



009785

Complementary

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



8768DE



BFDE68

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.



009347



8768DE



8E7D00

Square

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



8768DE



DC493D



508C00



0096BF

Rectangle

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



8768DE



DE3989



508C00



009670

Sweetspot

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



8768DE



E1D6FF



68C1DE



6E6780



000000



808080

Same Dimension

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



8768DE



875CFF



C168DE



686570



2E00B0



0D0030

Inverse Universe

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



DE68BF



FF5CD4



86DE68



70656D



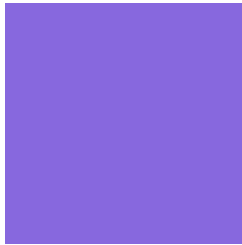
B00082



300024

Previews

White Background



This preview shows how the Hex color 8768DE looks on a white background.

Color Contrast Check

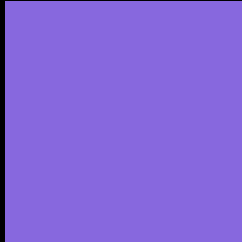
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 8768DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

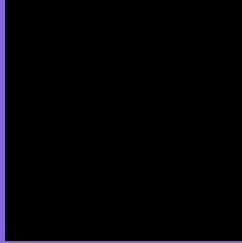
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8768DE Background



This preview shows how black text looks on a background with the Hex color 8768DE.

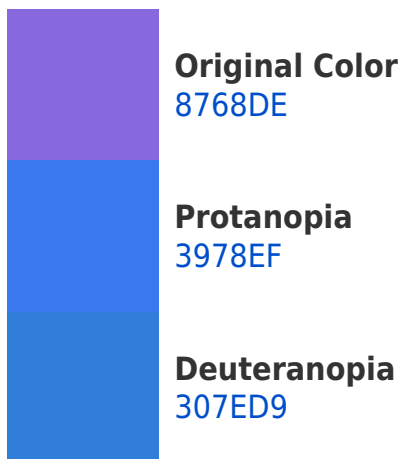


This preview shows how white text looks on a background with the Hex color 8768DE.

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](#).

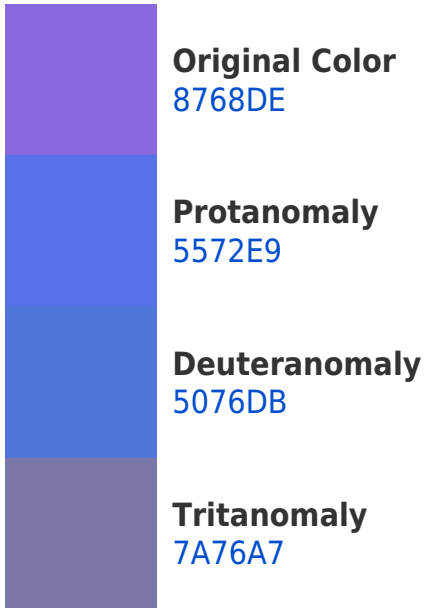
Dichromacy



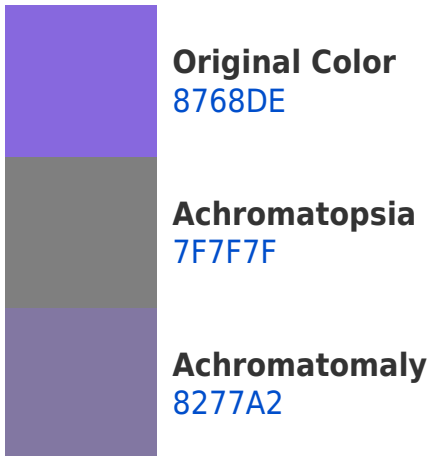


Tritanopia
737E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8768DE 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 #8768DE looks like.

```
.text, #text, p{  
    color:#8768DE  
}
```

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 #8768DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8768DE
}
```

Border

The CSS property to change the border of an element to Hex 8768DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

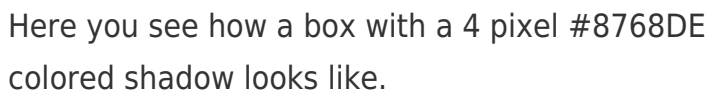
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8768DE }
```

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

```
.border{ border-color:#8768DE }
```

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



Here you see how a box with a 4 pixel #8768DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8768DE; -webkit-box-shadow:4px 4px  
4px 4px #8768DE; box-shadow:4px 4px 4px  
4px #8768DE }
```

Background

The CSS property to change the background color of an element to Hex 8768DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8768DE }
```

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

```
.background{ background-color:#8768DE }
```

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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