

Converting Colors

Hex(8766E2)

Have a look what the booklet for
Hex(8766E2) contains.

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Color

Hex(8766E2)

Conversions

Conversions Part 1

Format	Color
Hex	8766E2
RGB	135, 102, 226
RGB Percent	53%, 40%, 89%
CMY	0.4706, 0.6000, 0.1137
CMYK	0.40, 0.55, 0.00, 0.11
HSL	256°, 68%, 64%
HSV	256°, 55%, 89%
XYZ	28.4705, 20.1446, 74.3392
YIQ	126.0030, -20.1360, 45.5600

Conversions

Conversions Part 2

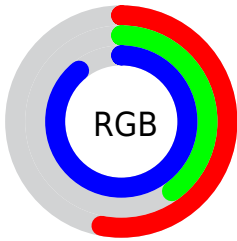
Format	Color
RYB	135, 102, 226
Decimal	8873698
CIELab	52.00, 41.44, -58.87
CIELCh	52, 71.991, 305.144
Yxy	20.1446, 0.2316, 0.1638
Android (android.graphics.Color)	4287063778 (0xFF8766E2)
YUV	126.0030, 49.2985, 7.8904
Hunter-Lab	44.8828, 34.6832, -66.7840

Details

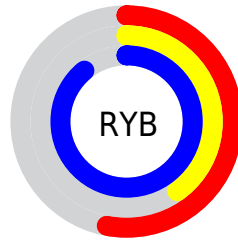
The Hex color **8766E2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C1E266**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C19AFF**, and **4E35AA** is the 20% darker color. If you saturate the color by 10%, you get **764FE2**, and if you desaturate by 10%, it is **987DE2**.

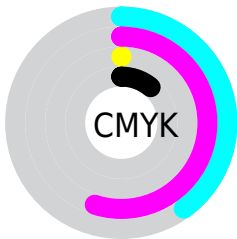
Distribution



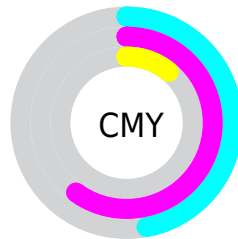
- Red (53%)
- Green (40%)
- Blue (89%)



- Red (53%)
- Yellow (40%)
- Blue (89%)



- Cyan (40%)
- Magenta (55%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (60%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8766E2 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 8766E2 by changing the saturation by 10% instead.

8766E2

8766E2

FFFFFF

6B4DC6

C19AFF

4E35AA

DEB5FF

2F1E8F

FCD1FF

000674

FFEDFF

00005B

000242

00032B

000116

000000

■ 8766E2

■ 8766E2

■ 764FE2

■ 987DE2

■ 6639E2

■ A893E2

■ 5522E2

■ B9AAE2

■ 450CE2

■ C9C0E2

■ 3C00E2

■ DAD7E2

■ EBEEE2

■ FBFFE2

■ FFFFE2

Harmonies

Analogous

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



0081F8



8766E2



CD43B1

Triad

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



8766E2



BE6500



009785

Complementary

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



8766E2



C1E266

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.



009444



8766E2



8D7D00

Square

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



8766E2



DF4538



4B8C00



0096C2

Rectangle

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



8766E2



E23189



4B8C00



009670

Sweetspot

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



8766E2



E1D6FF



66C3E2



6E6780



000000



808080

Same Dimension

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



8766E2



8357FF



C366E2



686570



2F00B0



0D0030

Inverse Universe

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



E266C1



FF57D2



85E266



70656D



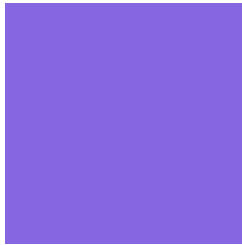
B00081



300024

Previews

White Background



This preview shows how the Hex color 8766E2 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 8766E2 Background



This preview shows how black text looks on a background with the Hex color 8766E2.

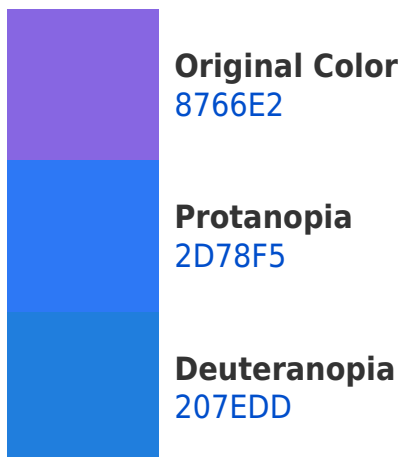


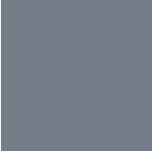
This preview shows how white text looks on a background with the Hex color 8766E2.

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](#).

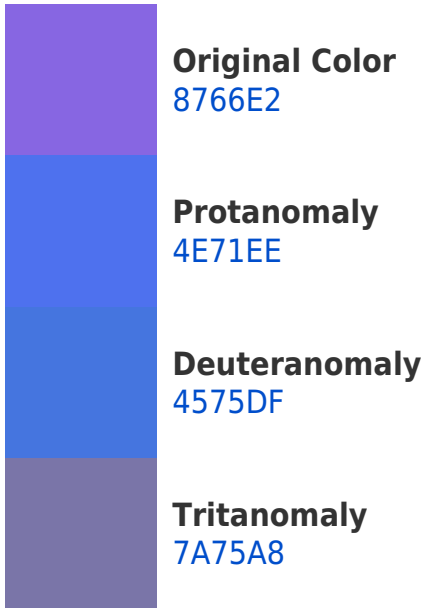
Dichromacy





Tritanopia
727D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8766E2 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 #8766E2 looks like.

```
.text, #text, p{  
    color:#8766E2  
}
```

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 #8766E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8766E2
}
```

Border

The CSS property to change the border of an element to Hex 8766E2 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
#8766E2 }
```

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

```
.border{ border-color:#8766E2 }
```

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

Here you see how a box with a 4 pixel #8766E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8766E2; -webkit-box-shadow:4px 4px  
4px 4px #8766E2; box-shadow:4px 4px 4px  
4px #8766E2 }
```

Background

The CSS property to change the background color of an element to Hex 8766E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8766E2 }
```

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

```
.background{ background-color:#8766E2 }
```

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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