

# Converting Colors

Hex(868BE5)

Have a look what the booklet for  
Hex(868BE5) contains.

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# Color

**Hex(868BE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	868BE5
RGB	134, 139, 229
RGB Percent	53%, 55%, 90%
CMY	0.4745, 0.4549, 0.1020
CMYK	0.41, 0.39, 0.00, 0.10
HSL	237°, 65%, 71%
HSV	237°, 41%, 90%
XYZ	33.2070, 29.1907, 78.0129
YIQ	147.7650, -31.8700, 26.9300

# Conversions

## Conversions Part 2

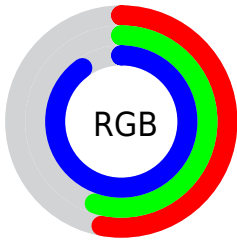
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 139, 229</a>
Decimal	<a href="#">8817637</a>
CIELab	<a href="#">60.95, 20.48, -46.29</a>
CIELCh	<a href="#">61, 50.618, 293.860</a>
Yxy	<a href="#">29.1907, 0.2365, 0.2079</a>
Android (android.graphics.Color)	<a href="#">4287007717 (0xFF868BE5)</a>
YUV	<a href="#">147.7650, 40.0489, -12.0719</a>
Hunter-Lab	<a href="#">54.0284, 15.1600, -47.7903</a>

# Details

The Hex color **868BE5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E5E086**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BFC0FF**, and **4E59AD** is the 20% darker color. If you saturate the color by 10%, you get **6F75E5**, and if you desaturate by 10%, it is **9DA1E5**.

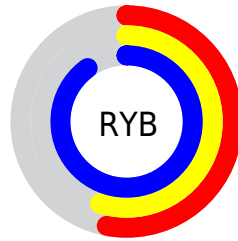
# Distribution



Red (53%)

Green (55%)

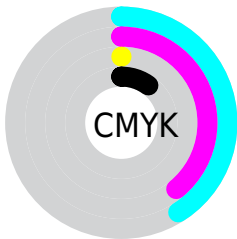
Blue (90%)



Red (53%)

Yellow (55%)

Blue (90%)

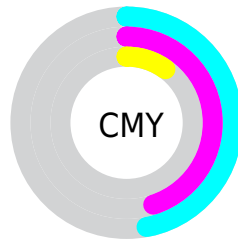


Cyan (41%)

Magenta (39%)

Yellow (0%)

Black (10%)



Cyan (47%)

Magenta (45%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868BE5 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 868BE5 by changing the saturation by 10% instead.



868BE5

868BE5

FFFFFF

6A72C9

BFC0FF

4E59AD

DCDCFF

314292

F9F9FF

0A2C78

00185F

000046

00042F

000119

000000

 868BE5

 868BE5

 6F75E5

 9DA1E5

 5860E5

 B4B6E5

 414AE5

 CBCCE5

 2A34E5

 E2E2E5

 141FE5

 F9F7E5

 000CE5

 FFFFE5

# Harmonies

## Analogous

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



009BEC



868BE5



C179C8

# Triad

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



868BE5



D57D4C



00A988

# Complementary

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



868BE5



E5E086

# 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.



52A45C



868BE5



B48E36

# Square

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



868BE5



E56F71



899B3D



00A9B6

# Rectangle

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



868BE5



D96FAD



899B3D



00A879



# Sweetspot

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



868BE5



E0E2FF



86E5DF



6E6F80



000000



808080



# Same Dimension

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



868BE5



8086FF



AF86E5



676873



0009B3



000333



# Inverse Universe

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



E5868B



FF8086



BCE586



736768



B30009

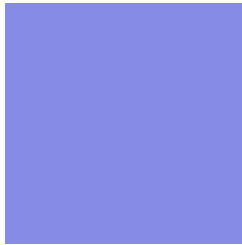


330003



# Previews

## White Background



This preview shows how the Hex color 868BE5 looks on a white background.

## Color Contrast Check

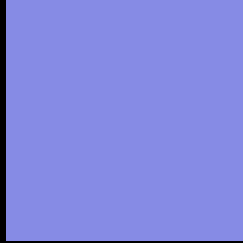
Large Text (above 18pt) WCAG AA ✓ Pass

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 868BE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

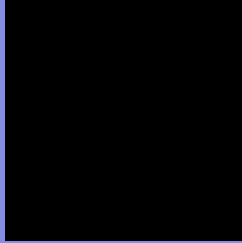
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 868BE5 Background



This preview shows how black text looks on a background with the Hex color 868BE5.

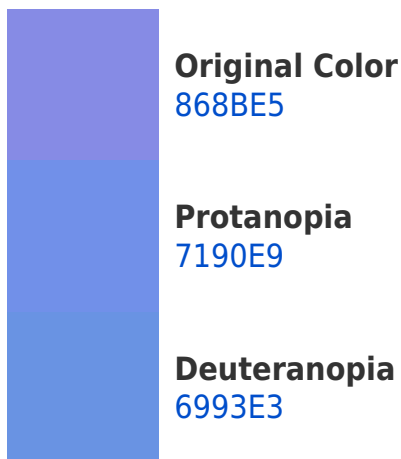


This preview shows how white text looks on a background with the Hex color 868BE5.

# 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](#).

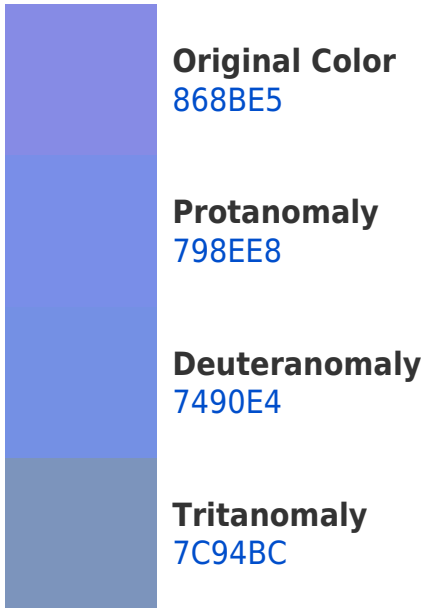
## Dichromacy





**Tritanopia**  
7699A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868BE5 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 #868BE5 looks like.

```
.text, #text, p{  
    color:#868BE5  
}
```

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 #868BE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868BE5  
}
```

## Border

The CSS property to change the border of an element to Hex 868BE5 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  
#868BE5 }
```

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

```
.border{ border-color:#868BE5 }
```

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

Here you see how a box with a 4 pixel #868BE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868BE5; -webkit-box-shadow:4px 4px  
4px 4px #868BE5; box-shadow:4px 4px 4px  
4px #868BE5 }
```

# Background

The CSS property to change the background color of an element to Hex 868BE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868BE5 }
```

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

```
.background{ background-color:#868BE5 }
```

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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