

# Converting Colors

Hex(B862F5)

Have a look what the booklet for  
Hex(B862F5) contains.

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**Color**

**Hex(B862F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B862F5
RGB	184, 98, 245
RGB Percent	72%, 38%, 96%
CMY	0.2784, 0.6157, 0.0392
CMYK	0.25, 0.60, 0.00, 0.04
HSL	275°, 88%, 67%
HSV	275°, 60%, 96%
XYZ	40.6163, 25.5183, 89.1710
YIQ	140.4720, 4.0690, 63.9490

# Conversions

## Conversions Part 2

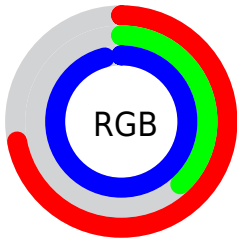
Format	Color
<a href="#">RYB</a>	<a href="#">184, 98, 245</a>
Decimal	<a href="#">12083957</a>
CIELab	<a href="#">57.58, 59.47, -60.26</a>
CIELCh	<a href="#">58, 84.663, 314.619</a>
Yxy	<a href="#">25.5183, 0.2615, 0.1643</a>
Android (android.graphics.Color)	<a href="#">4290274037</a> ( <a href="#">0xFFB862F5</a> )
YUV	<a href="#">140.4720, 51.5323, 38.1741</a>
Hunter-Lab	<a href="#">50.5156, 55.1177, -69.2987</a>

# Details

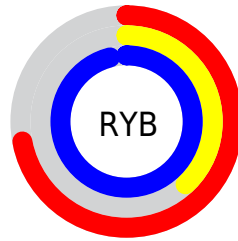
The Hex color **B862F5** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9FF562**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F398FF**, and **7F2BBC** is the 20% darker color. If you saturate the color by 10%, you get **AE4AF5**, and if you desaturate by 10%, it is **C27BF5**.

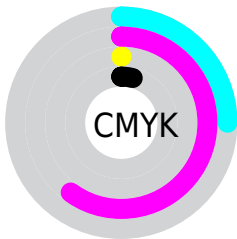
# Distribution



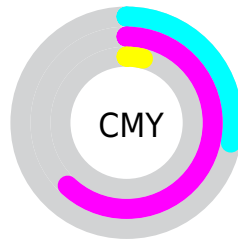
- Red (72%)
- Green (38%)
- Blue (96%)



- Red (72%)
- Yellow (38%)
- Blue (96%)



- Cyan (25%)
- Magenta (60%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (62%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B862F5 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 B862F5 by changing the saturation by 10% instead.



 B862F5

 B862F5

FFFFFF

 9B47D8

 F398FF

 7F2BBC

 FFB4FF

 6207A0

 FFD1FF

 460085

 FFEEFF

 27006B

 020052

 00013A

 000223

 00000B

 B862F5

 B862F5

 AE4AF5

 C27BF5

 A431F5

 CC93F5

 9A18F5

 D7ABF5

 8F00F5

 E1C4F5

 EBDDF5

 F5F5F5

 FFFFF5

# Harmonies

## Analogous

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



0088FF



B862F5



F931B4

# Triad

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



B862F5



C67900



00AAAE

# Complementary

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



B862F5



9FF562

# 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.



00A760



B862F5



869200

# Square

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



B862F5



F55220



18A100



00A8F2

# Rectangle

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



B862F5



FF1C82



18A100



00A994



# Sweetspot

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



B862F5



ECD1FF



629FF5



746380



000000



808080



# Same Dimension

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



B862F5



B347FF



F562E9



756E7A



6D00BA



22003B



# Inverse Universe

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



F5629F



FF4794



62F56E



7A6E73



BA004D

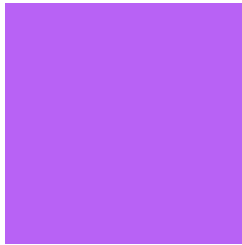


3B0018



# Previews

## White Background



This preview shows how the Hex color B862F5 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

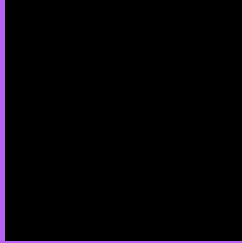
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B862F5 Background



This preview shows how black text looks on a background with the Hex color B862F5.

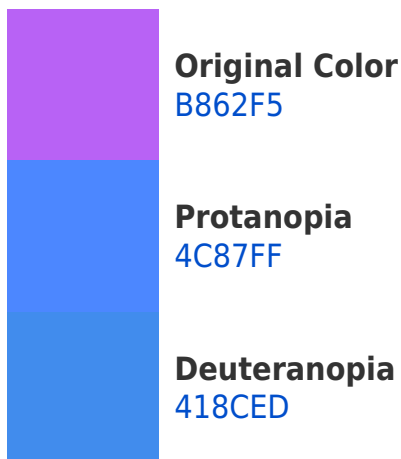


This preview shows how white text looks on a background with the Hex color B862F5.

# 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](#).

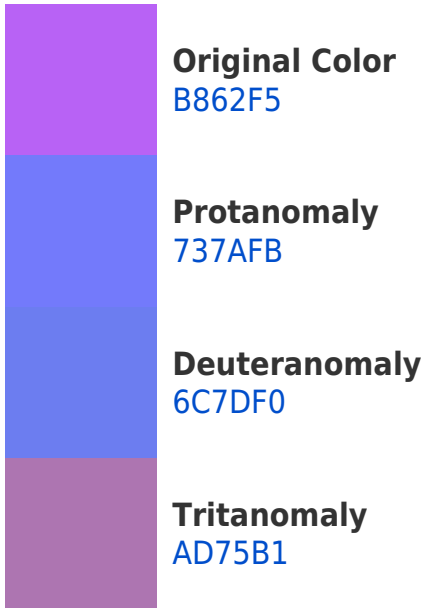
## Dichromacy



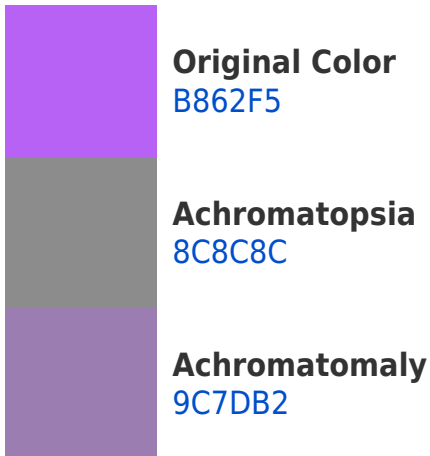


**Tritanopia**  
A6808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B862F5 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 #B862F5 looks like.

```
.text, #text, p{  
    color:#B862F5  
}
```

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 #B862F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B862F5
}
```

## Border

The CSS property to change the border of an element to Hex B862F5 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
#B862F5 }
```

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

```
.border{ border-color:#B862F5 }
```

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

Here you see how a box with a 4 pixel #B862F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B862F5; -webkit-box-shadow:4px 4px  
4px 4px #B862F5; box-shadow:4px 4px 4px  
4px #B862F5 }
```

# Background

The CSS property to change the background color of an element to Hex B862F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B862F5 }
```

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

```
.background{ background-color:#B862F5 }
```

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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