

Converting Colors

Hex(862DB3)

Have a look what the booklet for
Hex(862DB3) contains.

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Color

Hex(862DB3)

Conversions

Conversions Part 1

Format	Color
Hex	862DB3
RGB	134, 45, 179
RGB Percent	53%, 18%, 70%
CMY	0.4745, 0.8235, 0.2980
CMYK	0.25, 0.75, 0.00, 0.30
HSL	280°, 60%, 44%
HSV	280°, 75%, 70%
XYZ	18.9066, 10.1998, 43.6201
YIQ	86.8870, 10.0300, 60.5420

Conversions

Conversions Part 2

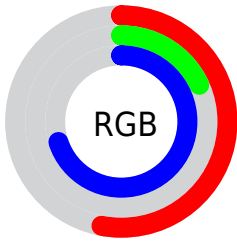
Format	Color
R_{YB}	134, 45, 179
Decimal	8793523
CIE _{Lab}	38.20, 58.26, -53.99
CIE _{LCh}	38, 79.430, 317.178
Yxy	10.1998, 0.2600, 0.1402
Android (android.graphics.Color)	4286983603 (0xFF862DB3)
YUV	86.8870, 45.4117, 41.3181
Hunter-Lab	31.9371, 49.7811, -58.6231

Details

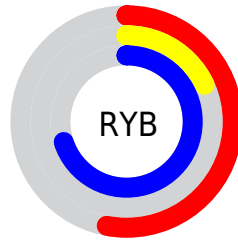
The Hex color **862DB3** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **5AB32D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BF64EC**, and **4E007D** is the 20% darker color. If you saturate the color by 10%, you get **801BB3**, and if you desaturate by 10%, it is **8C3FB3**.

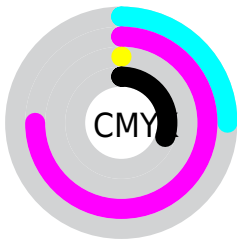
Distribution



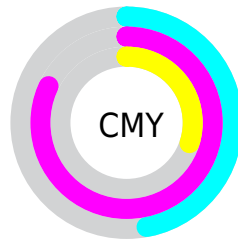
- Red (53%)
- Green (18%)
- Blue (70%)



- Red (53%)
- Yellow (18%)
- Blue (70%)



- Cyan (25%)
- Magenta (75%)
- Yellow (0%)
- Black (30%)



- Cyan (47%)
- Magenta (82%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 862DB3 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 862DB3 by changing the saturation by 10% instead.

 862DB3

 862DB3

FFFFFF

 6A0998

 BF64EC

 4E007D

 DC7FFF

 320064

 FA9AFF

 18004B

 FFB6FF

 000033

 FFD3FF

 00021D

 FFF0FF

 000000

 862DB3

 862DB3

 801BB3

 8C3FB3

■ 7A09B3

■ 9251B3

■ 7700B3

■ 9863B3

■ 9E75B3

■ A487B3

■ AA98B3

■ B0AAB3

■ B6BCB3

■ BCCEB3

Harmonies

Analogous

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



0056D8



862DB3



BA0078

Triad

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



862DB3



854D00



00737F

Complementary

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



862DB3



5AB32D

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.



00713B



862DB3



4C6200

Square

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



862DB3



AF2200



006D00



0072B9

Rectangle

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



862DB3



C4004E



006D00



007368

Sweetspot

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



862DB3



D7B5E8



2D5CB3



6B5775



F5F5F5



757575

Same Dimension

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



862DB3



A217E8



B32D9F



565059



660099



11001A

Inverse Universe

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



B32D5A



E8175D



2DB341



595053



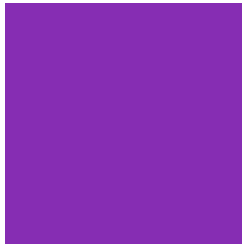
990033



1A0009

Previews

White Background



This preview shows how the Hex color 862DB3 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

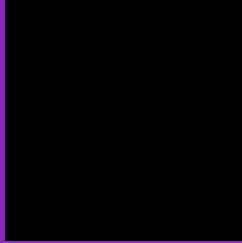
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 862DB3 Background



This preview shows how black text looks on a background with the Hex color 862DB3.

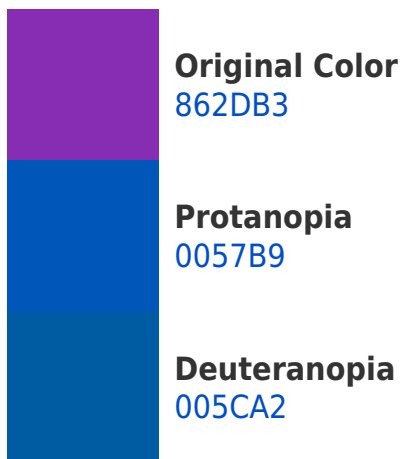


This preview shows how white text looks on a background with the Hex color 862DB3.

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
774F55

Trichromacy



Original Color
862DB3



Protanomaly
3148B7



Deuteranomaly
314BA8



Tritanomaly
7C4377

Monochromacy



Original Color
862DB3



Achromatopsia
575757



Achromatomaly
684878

CSS Examples

Text

The CSS property to change the color of the text to Hex 862DB3 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 #862DB3 looks like.

```
.text, #text, p{  
    color:#862DB3  
}
```

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 #862DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #862DB3
}
```

Border

The CSS property to change the border of an element to Hex 862DB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

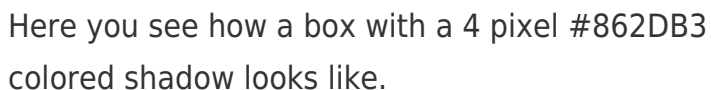
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#862DB3 }
```

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

```
.border{ border-color:#862DB3 }
```

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



Here you see how a box with a 4 pixel #862DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #862DB3; -webkit-box-shadow:4px 4px  
4px 4px #862DB3; box-shadow:4px 4px 4px  
4px #862DB3 }
```

Background

The CSS property to change the background color of an element to Hex 862DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#862DB3 }
```

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

```
.background{ background-color:#862DB3 }
```

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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