

Converting Colors

Hex(863186)

Have a look what the booklet for
Hex(863186) contains.

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Color

Hex(863186)

Conversions

Conversions Part 1

Format	Color
Hex	863186
RGB	134, 49, 134
RGB Percent	53%, 19%, 53%
CMY	0.4745, 0.8078, 0.4745
CMYK	0.00, 0.63, 0.00, 0.47
HSL	300°, 46%, 36%
HSV	300°, 63%, 53%
XYZ	15.2329, 8.9862, 23.4859
YIQ	84.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

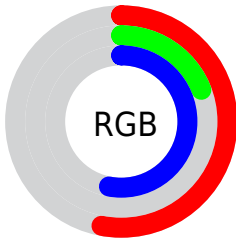
Format	Color
R_{YB}	134, 49, 134
Decimal	8794502
CIE _{Lab}	35.96, 47.64, -30.36
CIE _{LCh}	36, 56.490, 327.488
Yxy	8.9862, 0.3193, 0.1884
Android (android.graphics.Color)	4286984582 (0xFF863186)
YUV	84.1050, 24.5982, 43.7579
Hunter-Lab	29.9770, 38.2457, -25.4677

Details

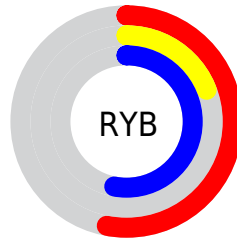
The Hex color **863186** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **318631**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **BD65BC**, and **510054** is the 20% darker color. If you saturate the color by 10%, you get **862486**, and if you desaturate by 10%, it is **863E86**.

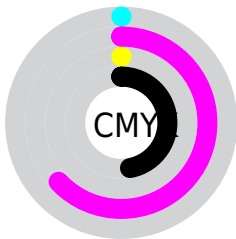
Distribution



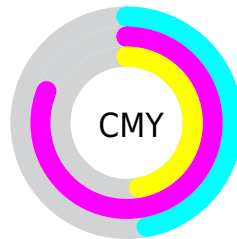
- Red (53%)
- Green (19%)
- Blue (53%)



- Red (53%)
- Yellow (19%)
- Blue (53%)



- Cyan (0%)
- Magenta (63%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 863186 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 863186 by changing the saturation by 10% instead.

 863186

 863186

FFFFFF

 6B146C

 BD65BC

 510054

 DA80D8

 38003C

 F79BF4

 210026

 FFB7FF

 00010E

 FFD3FF

 000000

 FFF0FF

 863186

 863186

 862486

 863E86

■ 861686

■ 864C86

■ 860986

■ 865986

■ 860086

■ 866786

■ 867486

■ 868186

■ 868F86

■ 869C86

■ 86AA86

Harmonies

Analogous

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



464AA6



863186



A01A5A

Triad

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



863186



6B5100



00687D

Complementary

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



863186



318631

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.



00684F



863186



3E5E00

Square

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



863186



8C3E00



00651F



0065A1

Rectangle

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



863186



A31E3C



00651F



00686F

Sweetspot

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



863186



AD8CAD



313186



574357



D6D6D6



575757

Same Dimension

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



863186



AD2AAD



86315B



423C42



820082



030003

Inverse Universe

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



863186



AD2AAD



31865B



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 863186 looks on a white background.

Color Contrast Check

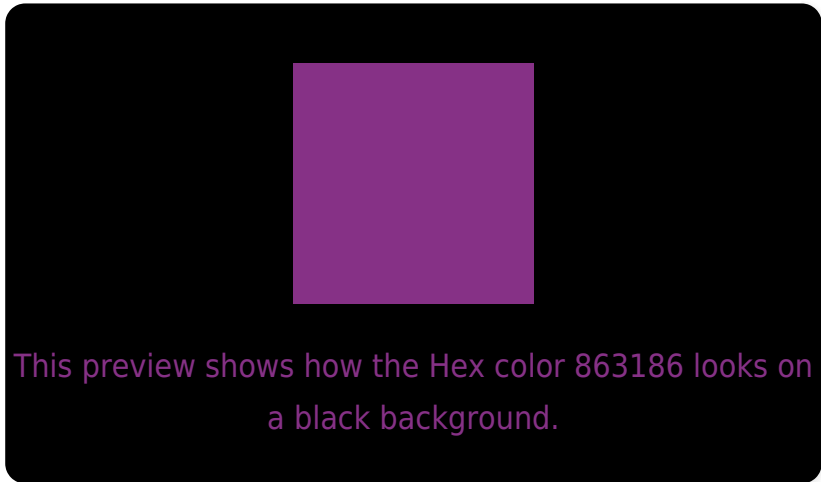
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

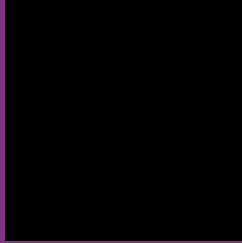
Any Text WCAG AA × Fail

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 863186 Background



This preview shows how black text looks on a background with the Hex color 863186.

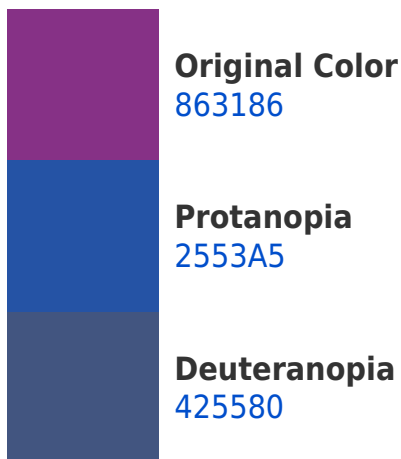



This preview shows how white text looks on a background with the Hex color 863186.

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
7F4348

Trichromacy



Original Color
863186

Protanomaly
48479A

Deuteranomaly
5B4882

Tritanomaly
823C5F

Monochromacy



Original Color
863186

Achromatopsia
545454

Achromatomaly
664766

CSS Examples

Text

The CSS property to change the color of the text to Hex 863186 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 #863186 looks like.

```
.text, #text, p{  
    color:#863186  
}
```

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 #863186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #863186
}
```

Border

The CSS property to change the border of an element to Hex 863186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

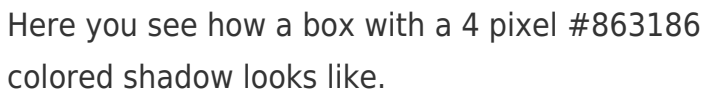
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#863186 }
```

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

```
.border{ border-color:#863186 }
```

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



Here you see how a box with a 4 pixel #863186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #863186; -webkit-box-shadow:4px 4px  
4px 4px #863186; box-shadow:4px 4px 4px  
4px #863186 }
```

Background

The CSS property to change the background color of an element to Hex 863186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#863186 }
```

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

```
.background{ background-color:#863186 }
```

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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