

Converting Colors

Hex(8903E3)

Have a look what the booklet for
Hex(8903E3) contains.

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Color

Hex(8903E3)

Conversions

Conversions Part 1

Format	Color
Hex	8903E3
RGB	137, 3, 227
RGB Percent	54%, 1%, 89%
CMY	0.4627, 0.9882, 0.1098
CMYK	0.40, 0.99, 0.00, 0.11
HSL	276°, 97%, 45%
HSV	276°, 99%, 89%
XYZ	24.2142, 10.9295, 73.5064
YIQ	68.6020, 7.9600, 98.0720

Conversions

Conversions Part 2

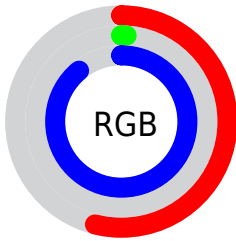
Format	Color
R_{YB}	137, 3, 227
Decimal	8979427
CIE Lab	39.46, 77.91, -79.83
CIE LCh	39, 111.543, 314.304
Yxy	10.9295, 0.2229, 0.1006
Android (android.graphics.Color)	4287169507 (0xFF8903E3)
YUV	68.6020, 78.0902, 59.9850
Hunter-Lab	33.0599, 72.8850, -108.6855

Details

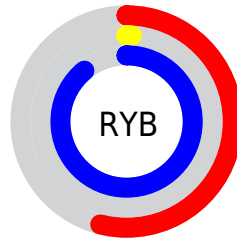
The Hex color **8903E3** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **5DE303**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C653FF**, and **4A00AA** is the 20% darker color. If you saturate the color by 10%, you get **8800E3**, and if you desaturate by 10%, it is **921AE3**.

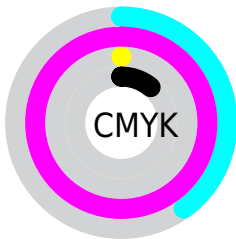
Distribution



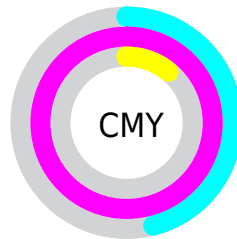
- Red (54%)
- Green (1%)
- Blue (89%)



- Red (54%)
- Yellow (1%)
- Blue (89%)



- Cyan (40%)
- Magenta (99%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (99%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8903E3 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 8903E3 by changing the saturation by 10% instead.

 8903E3

 8903E3

FFFFFF

 6A00C6

 C653FF

 4A00AA

 E570FF

 24008F

 FF8DFF

 000074

 FFA9FF

 00005A

 FFC6FF

 000742

 FFE4FF

 00032A

 000115

 000000

■ 8903E3

■ 8903E3

■ 8800E3

■ 921AE3

■ 9B30E3

■ A447E3

■ AD5EE3

■ B775E3

■ C08BE3

■ C9A2E3

■ D2B9E3

■ DBCFE3

Harmonies

Analogous

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



005EFF



8903E3



DD0091

Triad

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



8903E3



984600



007B88

Complementary

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



8903E3



5DE303

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.



007926



8903E3



486700

Square

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



8903E3



D00000



007400



007DDE

Rectangle

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



8903E3



ED0055



007400



007A69

Sweetspot

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



8903E3



E0B3FF



0360E3



6D5280



000000



808080

Same Dimension

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



8903E3



9900FF



E303D0



6E6773



6B00B3



1F0033

Inverse Universe

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



E3035D



FF0066



03E316



73676C



B30048



330014

Previews

White Background



This preview shows how the Hex color 8903E3 looks on a white background.

Color Contrast Check

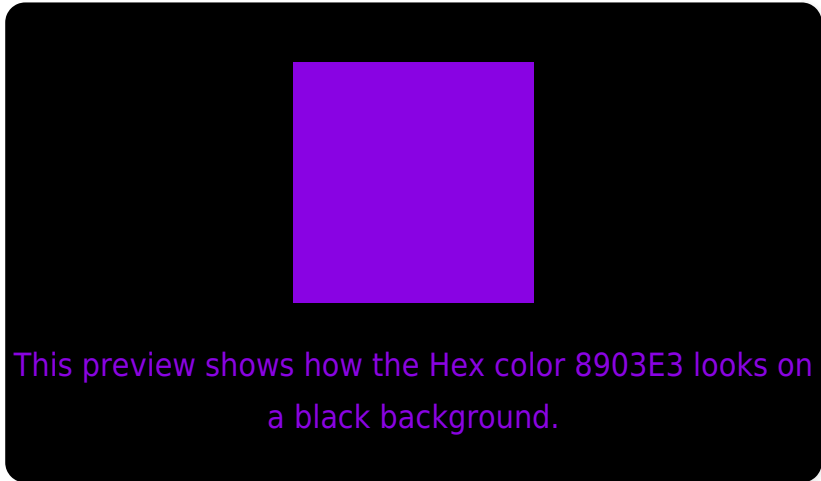
Large Text (above 18pt) WCAG AA ✓ Pass

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

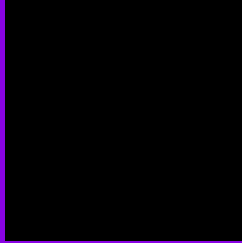
Any Text WCAG AA × Fail

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 8903E3 Background



This preview shows how black text looks on a background with the Hex color 8903E3.



This preview shows how white text looks on a background with the Hex color 8903E3.

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



Original Color
8903E3

Protanopia
005BC0

Deuteranopia
0061A5



Tritanopia
6D5960

Trichromacy



Original Color
8903E3



Protanomaly
323BCD



Deuteranomaly
323FBC



Tritanomaly
773A90

Monochromacy



Original Color
8903E3



Achromatopsia
454545



Achromatomaly
5E2D7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8903E3 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 #8903E3 looks like.

```
.text, #text, p{  
    color:#8903E3  
}
```

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 #8903E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8903E3
}
```

Border

The CSS property to change the border of an element to Hex 8903E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

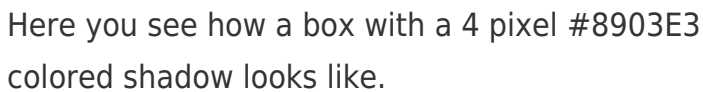
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8903E3 }
```

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

```
.border{ border-color:#8903E3 }
```

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



Here you see how a box with a 4 pixel #8903E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8903E3; -webkit-box-shadow:4px 4px  
4px 4px #8903E3; box-shadow:4px 4px 4px  
4px #8903E3 }
```

Background

The CSS property to change the background color of an element to Hex 8903E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8903E3 }
```

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

```
.background{ background-color:#8903E3 }
```

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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