

# Converting Colors

Hex(895AE2)

Have a look what the booklet for  
Hex(895AE2) contains.

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# Color

Hex(895AE2)

# Conversions

## Conversions Part 1

Format	Color
Hex	895AE2
RGB	137, 90, 226
RGB Percent	54%, 35%, 89%
CMY	0.4627, 0.6471, 0.1137
CMYK	0.39, 0.60, 0.00, 0.11
HSL	261°, 70%, 62%
HSV	261°, 60%, 89%
XYZ	27.7002, 18.1217, 73.9894
YIQ	119.5570, -15.6440, 52.2600

# Conversions

## Conversions Part 2

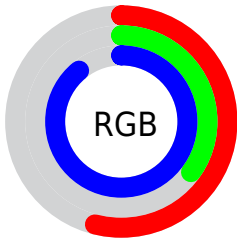
Format	Color
R <sub>Y</sub> B	137, 90, 226
Decimal	9001698
CIE Lab	49.64, 48.56, -62.65
CIE LCh	50, 79.267, 307.775
Yxy	18.1217, 0.2312, 0.1513
Android (android.graphics.Color)	4287191778 (0xFF895AE2)
YUV	119.5570, 52.4764, 15.2975
Hunter-Lab	42.5696, 41.6538, -73.2522

# Details

The Hex color **895AE2** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B3E25A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C38EFF**, and **4F28AA** is the 20% darker color. If you saturate the color by 10%, you get **7A43E2**, and if you desaturate by 10%, it is **9871E2**.

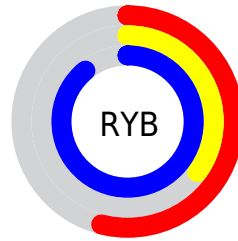
# Distribution



Red (54%)

Green (35%)

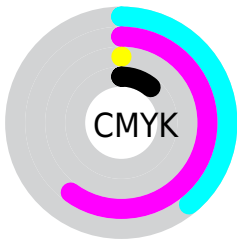
Blue (89%)



Red (54%)

Yellow (35%)

Blue (89%)

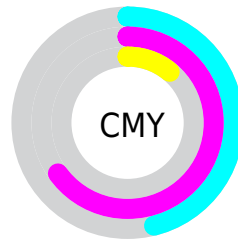


Cyan (39%)

Magenta (60%)

Yellow (0%)

Black (11%)



Cyan (46%)

Magenta (65%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 895AE2 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 895AE2 by changing the saturation by 10% instead.



895AE2

895AE2

FFFFFF

6C41C5

C38EFF

4F28AA

E1A9FF

300E8F

FFC5FF

000074

FFE1FF

00005B

FFFEFF

000442

00032B

000115

000000

■ 895AE2

■ 895AE2

■ 7A43E2

■ 9871E2

■ 6B2DE2

■ A787E2

■ 5D16E2

■ B59EE2

■ 4E00E2

■ C4B4E2

■ D3CBE2

■ E2E2E2

■ F1F8E2

■ FFFFE2

# Harmonies

## Analogous

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



007AFE



895AE2



D12AAA

# Triad

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



895AE2



B75F00



009286

# Complementary

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



895AE2



B3E25A

# 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.



008F3F



895AE2



807900

# Square

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



895AE2



DD3626



308800



0091C8

# Rectangle

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



895AE2



E5007E



308800



00916F



# Sweetspot

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



895AE2



E1D1FF



5AB5E2



6D6380



000000



808080



# Same Dimension

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



895AE2



8747FF



CB5AE2



696570



3D00B0



110030



# Inverse Universe

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



E25AB3



FF47C0



71E25A



70656C



B00073



300020



# Previews

## White Background



This preview shows how the Hex color 895AE2 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 ✓ Pass

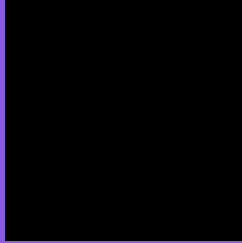
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 895AE2 Background



This preview shows how black text looks on a background with the Hex color 895AE2.




This preview shows how white text looks on a background with the Hex color 895AE2.

# 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](#).

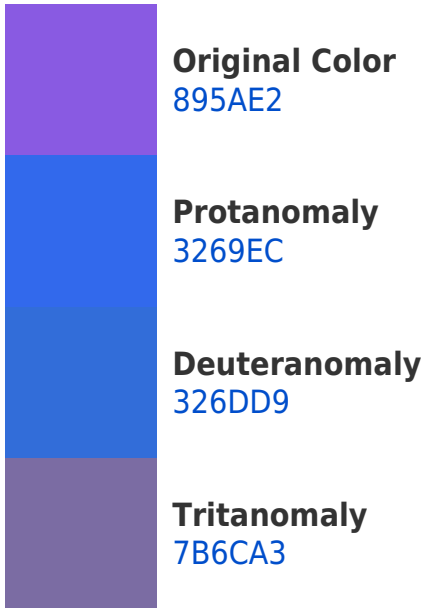
## Dichromacy



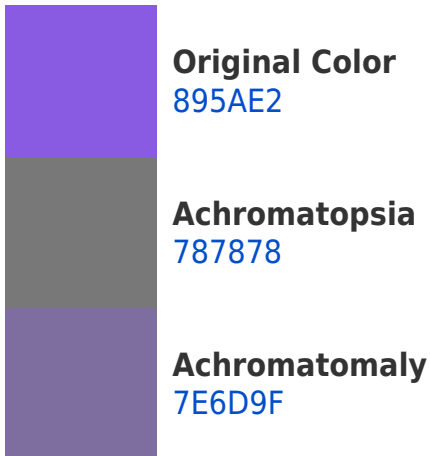


**Tritanopia**  
73767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 895AE2 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 #895AE2 looks like.

```
.text, #text, p{  
    color:#895AE2  
}
```

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 #895AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #895AE2
}
```

## Border

The CSS property to change the border of an element to Hex 895AE2 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
#895AE2 }
```

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

```
.border{ border-color:#895AE2 }
```

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

Here you see how a box with a 4 pixel #895AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #895AE2; -webkit-box-shadow:4px 4px  
4px 4px #895AE2; box-shadow:4px 4px 4px  
4px #895AE2 }
```

# Background

The CSS property to change the background color of an element to Hex 895AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#895AE2 }
```

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

```
.background{ background-color:#895AE2 }
```

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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