

# Converting Colors

Hex(895CDD)

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

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# Color

**Hex(895CDD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	895CDD
RGB	137, 92, 221
RGB Percent	54%, 36%, 87%
CMY	0.4627, 0.6392, 0.1333
CMYK	0.38, 0.58, 0.00, 0.13
HSL	261°, 65%, 61%
HSV	261°, 58%, 87%
XYZ	27.1948, 18.1931, 70.4849
YIQ	120.1610, -14.5890, 49.6590

# Conversions

## Conversions Part 2

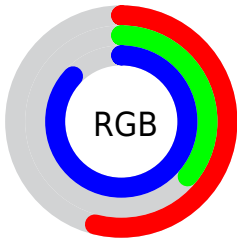
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 92, 221
Decimal	9002205
CIE <sub>Lab</sub>	49.73, 46.16, -59.68
CIE <sub>LCh</sub>	50, 75.450, 307.716
Yxy	18.1931, 0.2347, 0.1570
Android (android.graphics.Color)	4287192285 (0xFF895CDD)
YUV	120.1610, 49.7136, 14.7678
Hunter-Lab	42.6534, 39.1641, -68.1196

# Details

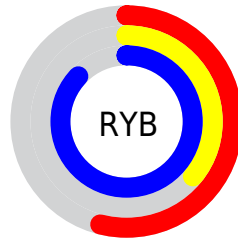
The Hex color **895CDD** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **B0DD5C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C390FF**, and **502BA5** is the 20% darker color. If you saturate the color by 10%, you get **7B46DD**, and if you desaturate by 10%, it is **9772DD**.

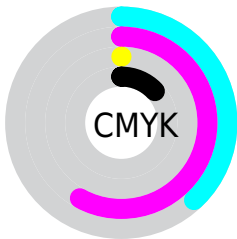
# Distribution



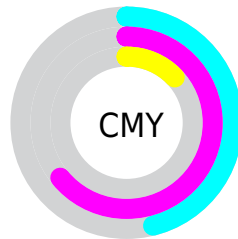
- Red (54%)
- Green (36%)
- Blue (87%)



- Red (54%)
- Yellow (36%)
- Blue (87%)



- Cyan (38%)
- Magenta (58%)
- Yellow (0%)
- Black (13%)



- Cyan (46%)
- Magenta (64%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 895CDD

 895CDD

FFFFFF

 6D43C1

 C390FF

 502BA5

 E0ABFF

 32118A

 FEC7FF

 070070

 FFE3FF

 000057

 00053E

 000327

 000111

 000000

 895CDD

 895CDD

 7B46DD

 9772DD

 6C30DD

 A688DD

 5E1ADD

 B49EDD

 4F04DD

 C3B4DD

 4D00DD

 D1CBDD

 DFE1DD

 EE77DD

 FCFFDD

 FFFFDD

# Harmonies

## Analogous

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



0079F7



895CDD



CD33A8

# Triad

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



895CDD



B56000



009186

# Complementary

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



895CDD



B0DD5C

# 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.



008F42



895CDD



817900

# Square

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



895CDD



D93C2A



378700



0091C4

# Rectangle

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



895CDD



E11A7E



378700



00916F



# Sweetspot

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



895CDD



E1D1FF



5CB2DD



6D6380



000000



808080



# Same Dimension

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



895CDD



8B4DFF



C85CDD



67636E



3C00AD



10002E



# Inverse Universe

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



DD5CB0



FF4DC1



72DD5C



6E636A



AD0071

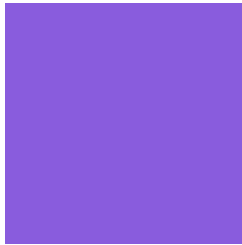


2E001E



# Previews

## White Background



This preview shows how the Hex color 895CDD 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

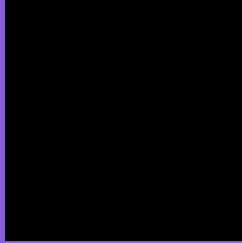
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 895CDD Background



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




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

# 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](#).

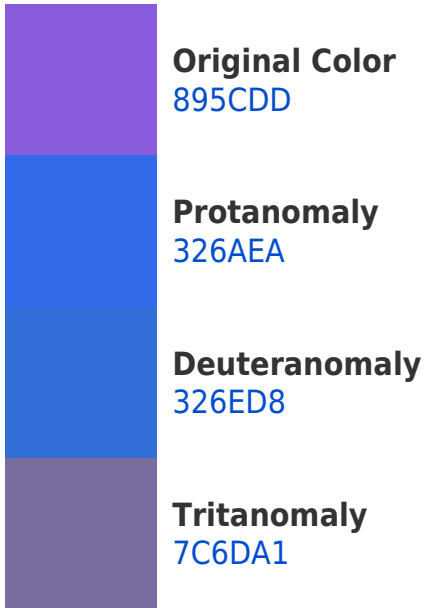
## Dichromacy



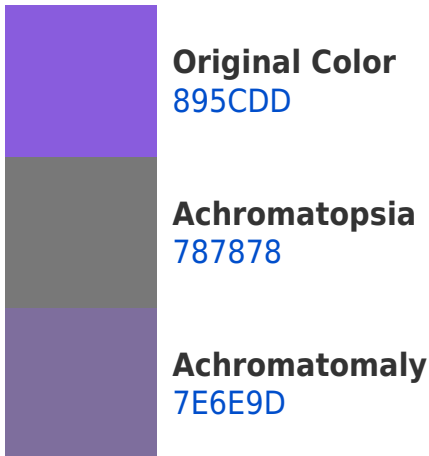


**Tritanopia**  
74767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #895CDD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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