

# Converting Colors

Hex(D85893)

Have a look what the booklet for  
Hex(D85893) contains.

<b>Hex(D85893)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D85893)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D85893
RGB	216, 88, 147
RGB Percent	85%, 35%, 58%
CMY	0.1529, 0.6549, 0.4235
CMYK	0.00, 0.59, 0.32, 0.15
HSL	332°, 62%, 60%
HSV	332°, 59%, 85%
XYZ	37.0751, 23.6850, 30.2213
YIQ	132.9980, 57.3490, 45.4850

# Conversions

## Conversions Part 2

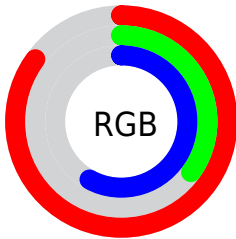
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 88, 147
Decimal	14178451
CIE Lab	55.77, 55.97, -6.72
CIE LCh	56, 56.373, 353.156
Yxy	23.6850, 0.4075, 0.2603
Android (android.graphics.Color)	4292368531 (0xFFD85893)
YUV	132.9980, 6.9030, 72.7928
Hunter-Lab	48.6672, 50.8152, -2.7509

# Details

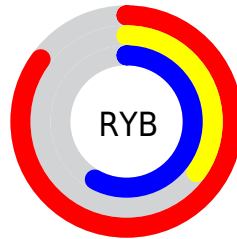
The Hex color **D85893** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **58D89D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8FC9**, and **9D1C61** is the 20% darker color. If you saturate the color by 10%, you get **D84287**, and if you desaturate by 10%, it is **D86E9F**.

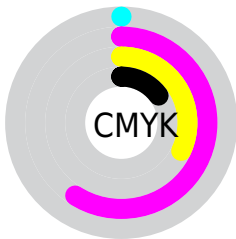
# Distribution



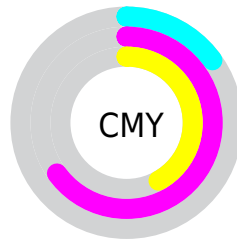
- Red (85%)
- Green (35%)
- Blue (58%)



- Red (85%)
- Yellow (35%)
- Blue (58%)



- Cyan (0%)
- Magenta (59%)
- Yellow (32%)
- Black (15%)



- Cyan (15%)
- Magenta (65%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D85893 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 D85893 by changing the saturation by 10% instead.



 D85893

 D85893

FFFFFF

 BA3C79

 FF8FC9

 9D1C61

 FFABE5

 810049

 FFC8FF

 650032

 FFE5FF

 49001D

 300002

 000000

 D85893

 D85893

 D84287

 D86E9F

 D82D7C

 D883AA

 D81770

 D899B6

 D80264

 D8AEC2

 D80064

 D8C4CD

 D8DAD9

 D8EFE5

 D8FFF0

 D8FFFC

# Harmonies

## Analogous

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



B668C1



D85893



DD5A62

# Triad

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



D85893



7A8E21



0099D3

# Complementary

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



D85893



58D89D

# 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.



009DAB



D85893



399848

# Square

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



D85893



A87F19



009C78



008FE7

# Rectangle

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



D85893



D36545



009C78



009BC8



# Sweetspot

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



D85893



FFD1E6



9C58D8



806370



000000



808080



# Same Dimension

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



D85893



FF4A9D



D85C58



6B6065



AB004F



2B0014



# Inverse Universe

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



D85893



FF4A9D



58D4D8



6B6065



AB004F



2B0014



# Previews

## White Background



This preview shows how the Hex color D85893 looks on a white background.

## Color Contrast Check

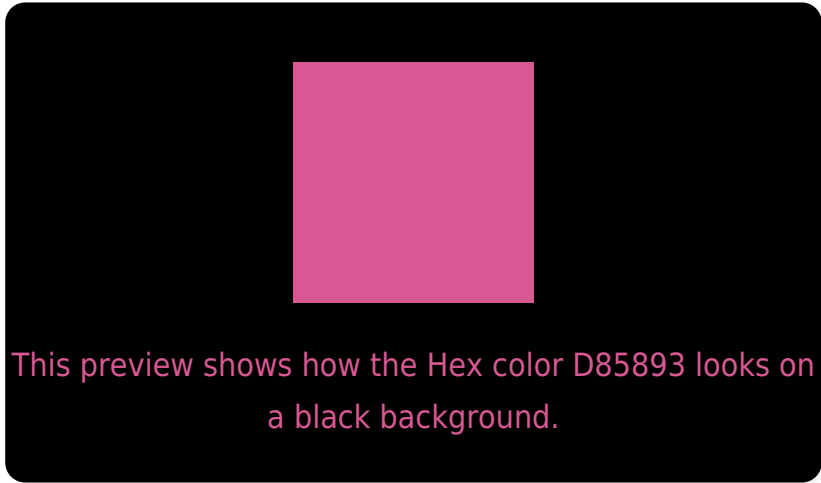
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 D85893 Background



This preview shows how black text looks on a background with the Hex color D85893.



This preview shows how white text looks on a background with the Hex color D85893.

# 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**  
D85893

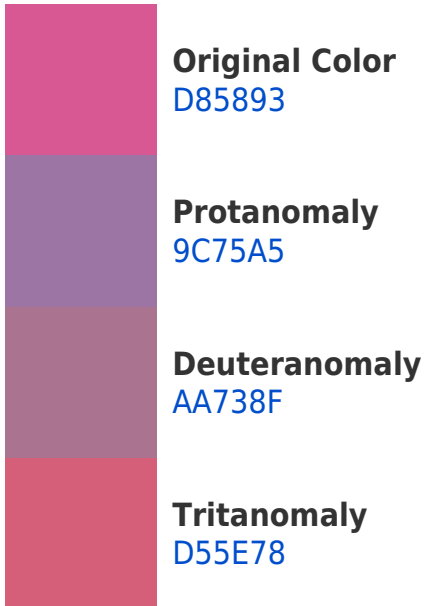
**Protanopia**  
7A85B0

**Deuteranopia**  
90828D

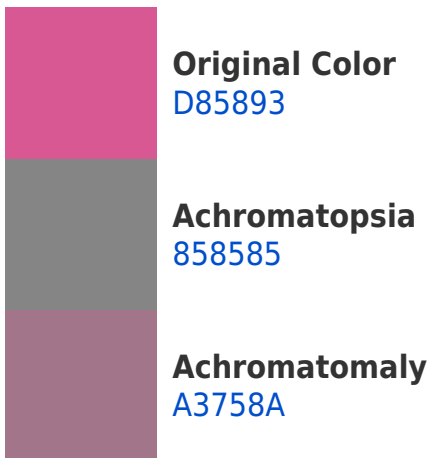


**Tritanopia**  
D46168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D85893 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 #D85893 looks like.

```
.text, #text, p{  
    color:#D85893  
}
```

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 #D85893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D85893  
}
```

## Border

The CSS property to change the border of an element to Hex D85893 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  
#D85893 }
```

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

```
.border{ border-color:#D85893 }
```

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

Here you see how a box with a 4 pixel #D85893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D85893; -webkit-box-shadow:4px 4px  
4px 4px #D85893; box-shadow:4px 4px 4px  
4px #D85893 }
```

# Background

The CSS property to change the background color of an element to Hex D85893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D85893 }
```

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

```
.background{ background-color:#D85893 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor