

# Converting Colors

Hex(CD59A0)

Have a look what the booklet for  
Hex(CD59A0) contains.

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# **Color**

**Hex(CD59A0)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CD59A0                     |
| RGB           | 205, 89, 160               |
| RGB Percent   | 80%, 35%, 63%              |
| CMY           | 0.1961, 0.6510, 0.3725     |
| CMYK          | 0.00, 0.57, 0.22, 0.20     |
| HSL           | 323°, 54%, 58%             |
| HSV           | 323°, 57%, 80%             |
| XYZ           | 35.0944, 22.6620, 35.7822  |
| YIQ           | 131.7780, 46.3450, 46.6730 |

# Conversions

## Conversions Part 2

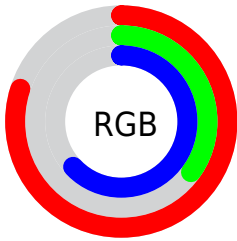
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 205, 89, 160                  |
| Decimal                             | 13457824                      |
| CIE <sub>Lab</sub>                  | 54.72, 53.87, -16.08          |
| CIE <sub>LCh</sub>                  | 55, 56.215, 343.377           |
| Yxy                                 | 22.6620, 0.3752,<br>0.2423    |
| Android<br>(android.graphics.Color) | 4291647904<br>(0xFFCD59A0)    |
| YUV                                 | 131.7780, 13.9134,<br>64.2157 |
| Hunter-Lab                          | 47.6046, 48.2833,<br>-11.2424 |

# Details

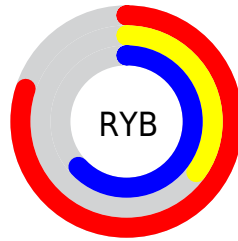
The Hex color **CD59A0** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **59CD86**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF90D7**, and **941F6C** is the 20% darker color. If you saturate the color by 10%, you get **CD4598**, and if you desaturate by 10%, it is **CD6EA8**.

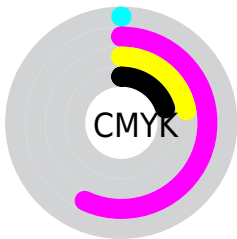
# Distribution



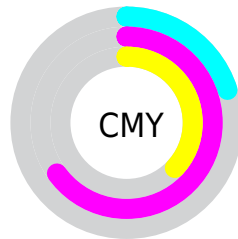
- Red (80%)
- Green (35%)
- Blue (63%)



- Red (80%)
- Yellow (35%)
- Blue (63%)



- Cyan (0%)
- Magenta (57%)
- Yellow (22%)
- Black (20%)



- Cyan (20%)
- Magenta (65%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD59A0 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 CD59A0 by changing the saturation by 10% instead.



 CD59A0

 CD59A0

FFFFFF

 B03E86

 FF90D7

 941F6C

 FFACF3

 780054

 FFC8FF

 5D003D

 FFE5FF

 420027

 290011

 000000

 CD59A0

 CD59A0

 CD4598

 CD6EA8

 CD3090

 CD82B0

 CD1B88

 CD97B8

 CD0780

 CDABC0

 CD007D

 CDC0C8

 CDD4D0

 CDE9D8

 CDFDE0

 CDFFE8

# Harmonies

## Analogous

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



A16CCA



CD59A0



DB556F

# Triad

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



CD59A0



878716



0098C5

# Complementary

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



CD59A0



59CD86

# 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.



009A98



CD59A0



509237

# Square

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



CD59A0



B2771E



009865



0090E0

# Rectangle

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



CD59A0



D65D50



009865



0099B7



# Sweetspot

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



CD59A0



FFD4EE



8559CD



806676



000000



808080



# Same Dimension

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



CD59A0



FF52BC



CD5967



665C62



A60065



260017



# Inverse Universe

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



CD59A0



FF52BC



59CDBF



665C62



A60065



260017



# Previews

## White Background



This preview shows how the Hex color CD59A0 looks on a white background.

## Color Contrast Check

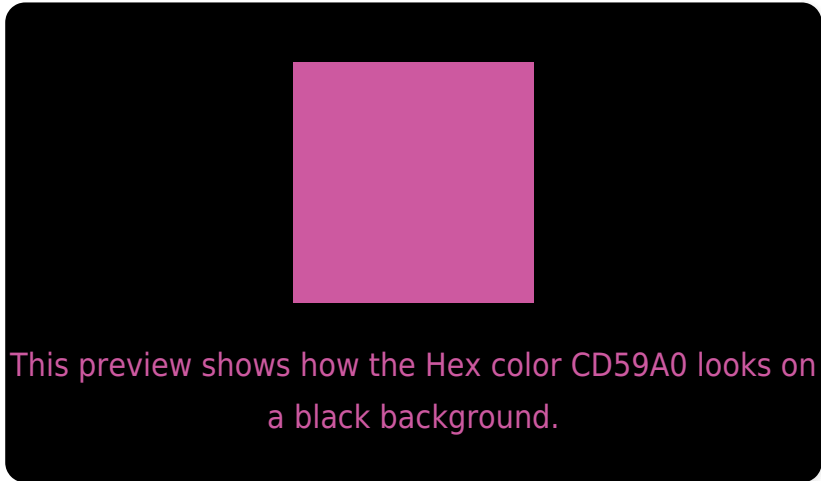
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD59A0 Background



This preview shows how black text looks on a background with the Hex color CD59A0.

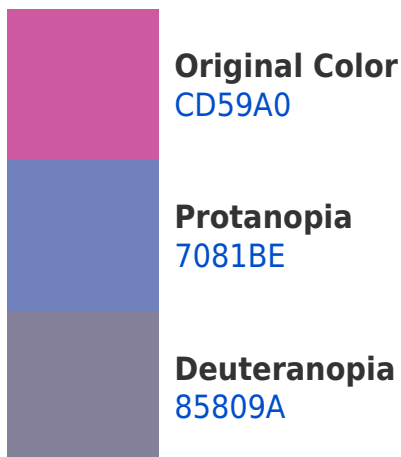



This preview shows how white text looks on a background with the Hex color CD59A0.

# 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**  
C8656C

# Trichromacy



**Original Color**  
CD59A0



**Protanomaly**  
9272B3



**Deuteranomaly**  
9F729C

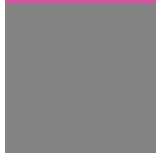


**Tritanomaly**  
CA617F

# Monochromacy



**Original Color**  
CD59A0



**Achromatopsia**  
848484



**Achromatomaly**  
9F748E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD59A0 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 #CD59A0 looks like.

```
.text, #text, p{  
    color:#CD59A0  
}
```

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 #CD59A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD59A0
}
```

## Border

The CSS property to change the border of an element to Hex CD59A0 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
#CD59A0 }
```

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

```
.border{ border-color:#CD59A0 }
```

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

Here you see how a box with a 4 pixel #CD59A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD59A0; -webkit-box-shadow:4px 4px  
4px 4px #CD59A0; box-shadow:4px 4px 4px  
4px #CD59A0 }
```

# Background

The CSS property to change the background color of an element to Hex CD59A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD59A0 }
```

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

```
.background{ background-color:#CD59A0 }
```

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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