

# Converting Colors

Hex(C959D4)

Have a look what the booklet for  
Hex(C959D4) contains.

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# **Color**

**Hex(C959D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C959D4
RGB	201, 89, 212
RGB Percent	79%, 35%, 83%
CMY	0.2118, 0.6510, 0.1686
CMYK	0.05, 0.58, 0.00, 0.17
HSL	295°, 59%, 59%
HSV	295°, 58%, 83%
XYZ	39.5434, 24.3157, 64.8966
YIQ	136.5100, 27.2690, 61.9970

# Conversions

## Conversions Part 2

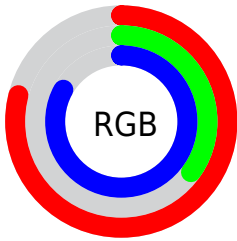
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 89, 212
Decimal	13195732
CIE <sub>Lab</sub>	56.40, 61.18, -43.48
CIE <sub>LCh</sub>	56, 75.060, 324.600
Yxy	24.3157, 0.3071, 0.1889
Android (android.graphics.Color)	4291385812 (0xFFC959D4)
YUV	136.5100, 37.2166, 56.5577
Hunter-Lab	49.3110, 56.8484, -43.5120

# Details

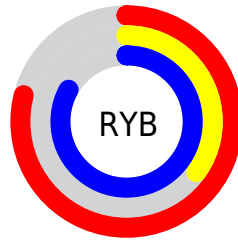
The Hex color **C959D4** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **64D459**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF90FF**, and **901D9D** is the 20% darker color. If you saturate the color by 10%, you get **C744D4**, and if you desaturate by 10%, it is **CB6ED4**.

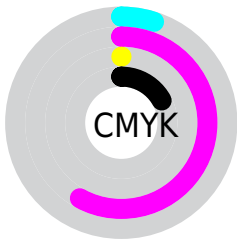
# Distribution



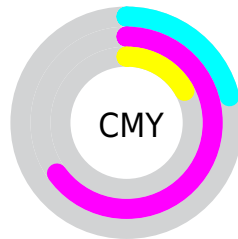
- Red (79%)
- Green (35%)
- Blue (83%)



- Red (79%)
- Yellow (35%)
- Blue (83%)



- Cyan (5%)
- Magenta (58%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (65%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C959D4 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 C959D4 by changing the saturation by 10% instead.



 C959D4

 C959D4

FFFFFF

 AC3DB8

 FF90FF

 901D9D

 FFADFF

 740082

 FFC9FF

 590069

 FFE6FF

 3E0050

 250038

 000021

 000007

 000000

 C959D4

 C959D4

 C744D4

 CB6ED4

 C52FD4

 CD83D4

 C319D4

 CF99D4

 C104D4

 D1AED4

 C100D4

 D2C3D4

 D4D8D4

 D6EDD4

 D8FFD4

 DAFFD4

# Harmonies

## Analogous

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



677BFF



C959D4



F33A96

# Triad

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



C959D4



AD8000



00A4BC

# Complementary

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



C959D4



64D459

# 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.



00A379



C959D4



6F9400

# Square

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



C959D4



DC6413



009E34



00A0F2

# Rectangle

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



C959D4



F93B6A



009E34



00A4A6



# Sweetspot

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



C959D4



FBD4FF



5965D4



7D6680



000000



808080



# Same Dimension

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



C959D4



EF4DFF



D459A3



6A606B



9C00AB



27002B



# Inverse Universe

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



D45964



FF4D5C



59D48A



6B6061



AB000F

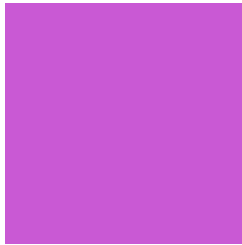


2B0004



# Previews

## White Background



This preview shows how the Hex color C959D4 looks on a white background.

## Color Contrast Check

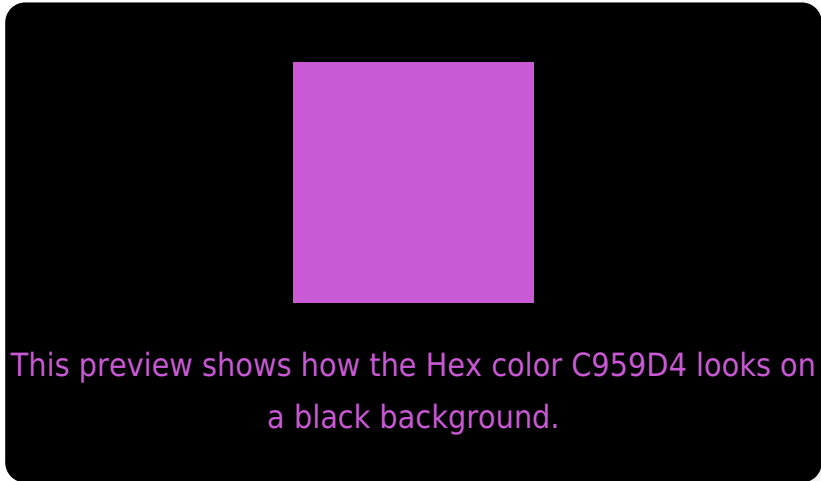
Large Text (above 18pt) WCAG AA ✓ Pass

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

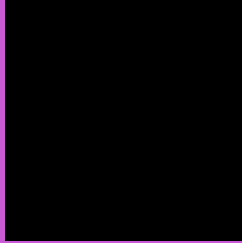
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C959D4 Background



This preview shows how black text looks on a background with the Hex color C959D4.

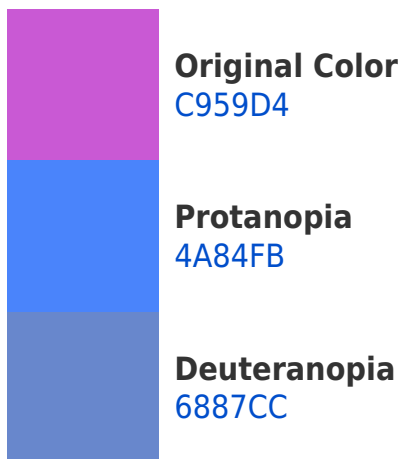


This preview shows how white text looks on a background with the Hex color C959D4.

# 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](#).

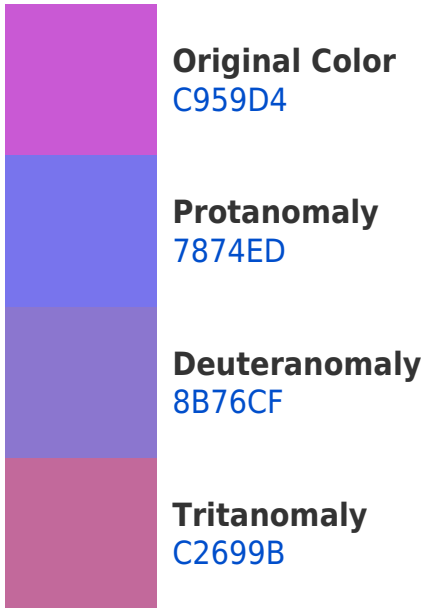
## Dichromacy



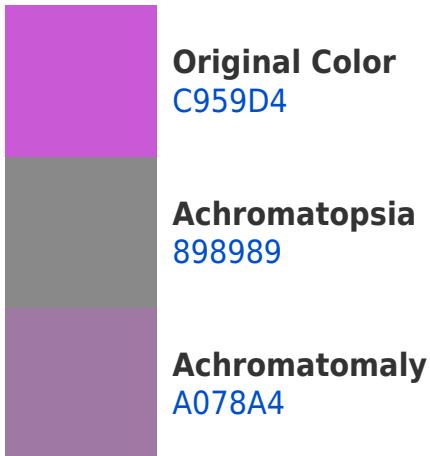


**Tritanopia**  
BE727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C959D4 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 #C959D4 looks like.

```
.text, #text, p{  
    color:#C959D4  
}
```

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 #C959D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C959D4
}
```

## Border

The CSS property to change the border of an element to Hex C959D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

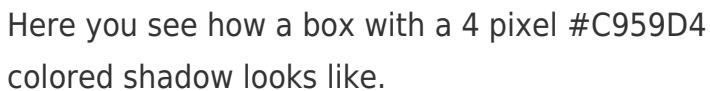
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C959D4 }
```

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

```
.border{ border-color:#C959D4 }
```

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



Here you see how a box with a 4 pixel `#C959D4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C959D4; -webkit-box-shadow:4px 4px  
4px 4px #C959D4; box-shadow:4px 4px 4px  
4px #C959D4 }
```

# Background

The CSS property to change the background color of an element to Hex C959D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C959D4 }
```

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

```
.background{ background-color:#C959D4 }
```

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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