

# Converting Colors

Hex(7939C5)

Have a look what the booklet for  
Hex(7939C5) contains.

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# Color

**Hex(7939C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7939C5
RGB	121, 57, 197
RGB Percent	47%, 22%, 77%
CMY	0.5255, 0.7765, 0.2275
CMYK	0.39, 0.71, 0.00, 0.23
HSL	267°, 55%, 50%
HSV	267°, 71%, 77%
XYZ	19.4263, 11.0224, 53.9270
YIQ	92.0960, -6.7960, 57.1080

# Conversions

## Conversions Part 2

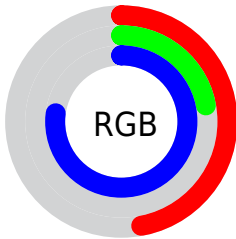
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 57, 197
Decimal	7944645
CIE <sub>Lab</sub>	39.62, 54.79, -62.34
CIE <sub>LCh</sub>	40, 82.999, 311.310
Yxy	11.0224, 0.2302, 0.1306
Android (android.graphics.Color)	4286134725 (0xFF7939C5)
YUV	92.0960, 51.7177, 25.3488
Hunter-Lab	33.2000, 46.3456, -73.0650

# Details

The Hex color **7939C5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **85C539**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B36DFF**, and **3F008E** is the 20% darker color. If you saturate the color by 10%, you get **6E25C5**, and if you desaturate by 10%, it is **844DC5**.

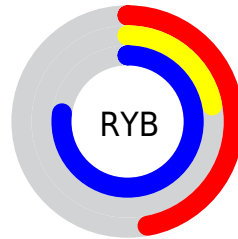
# Distribution



Red (47%)

Green (22%)

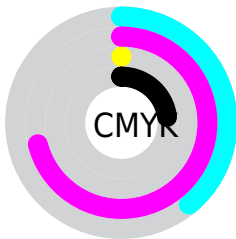
Blue (77%)



Red (47%)

Yellow (22%)

Blue (77%)

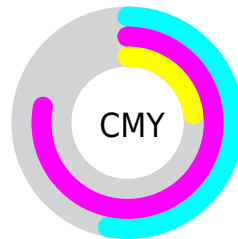


Cyan (39%)

Magenta (71%)

Yellow (0%)

Black (23%)



Cyan (53%)

Magenta (78%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7939C5 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 7939C5 by changing the saturation by 10% instead.



7939C5

7939C5

FFFFFF

5C1EA9

B36DFF

3F008E

D088FF

1D0074

EEA3FF

00005A

FFBFFF

000042

FFDBFF

00032B

FFF9FF

000115

000000

7939C5

7939C5

6E25C5

844DC5

6412C5

8E60C5

5A00C5

9974C5

A488C5

AE9CC5

B9AFC5

C4C3C5

CFD7C5

D9EAC5

# Harmonies

## Analogous

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



005FE5



7939C5



BC008A

# Triad

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



7939C5



944A00



007776

# Complementary

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



7939C5



85C539

# 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.



00752E



7939C5



5B6300

# Square

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



7939C5



BC0D00



006F00



0077B7

# Rectangle

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



7939C5



CC005E



006F00



00775F



# Sweetspot

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



7939C5



E2C9FF



3986C5



6E6080



000000



808080



# Same Dimension

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



7939C5



8926FF



BE39C5



5E5A63



4B00A3



100024



# Inverse Universe

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



C53985



FF269C



40C539



635A5F



A30059

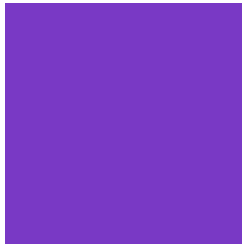


240013



# Previews

## White Background



This preview shows how the Hex color 7939C5 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 × Fail

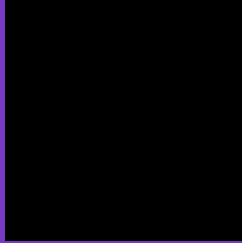
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7939C5 Background



This preview shows how black text looks on a background with the Hex color 7939C5.

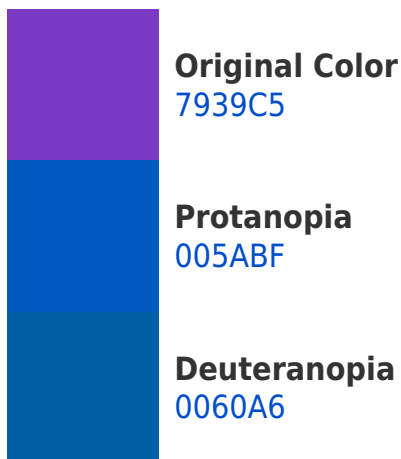


This preview shows how white text looks on a background with the Hex color 7939C5.

# 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](#).

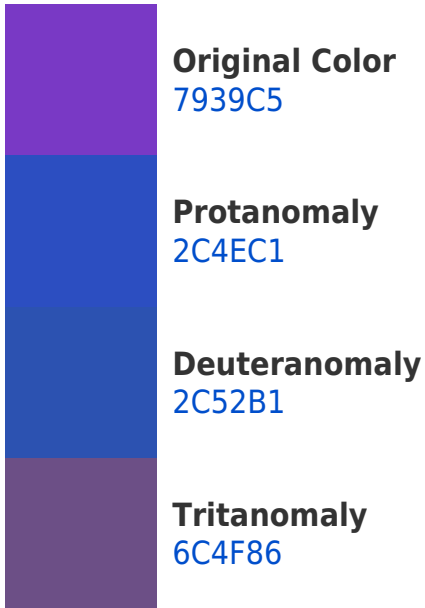
## Dichromacy





**Tritanopia**  
645B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7939C5 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 #7939C5 looks like.

```
.text, #text, p{  
    color:#7939C5  
}
```

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 #7939C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7939C5
}
```

## Border

The CSS property to change the border of an element to Hex 7939C5 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
#7939C5 }
```

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

```
.border{ border-color:#7939C5 }
```

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

Here you see how a box with a 4 pixel #7939C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7939C5; -webkit-box-shadow:4px 4px  
4px 4px #7939C5; box-shadow:4px 4px 4px  
4px #7939C5 }
```

# Background

The CSS property to change the background color of an element to Hex 7939C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7939C5 }
```

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

```
.background{ background-color:#7939C5 }
```

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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