

# Converting Colors

Hex(7249C7)

Have a look what the booklet for  
Hex(7249C7) contains.

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# Color

Hex(7249C7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7249C7
RGB	114, 73, 199
RGB Percent	45%, 29%, 78%
CMY	0.5529, 0.7137, 0.2196
CMYK	0.43, 0.63, 0.00, 0.22
HSL	260°, 53%, 53%
HSV	260°, 63%, 78%
XYZ	19.6308, 12.4660, 55.4044
YIQ	99.6230, -16.0100, 47.8780

# Conversions

## Conversions Part 2

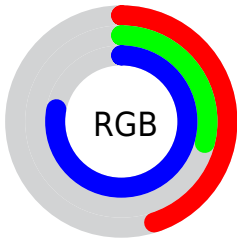
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 73, 199
Decimal	7489991
CIELab	41.95, 45.78, -59.76
CIELCh	42, 75.281, 307.454
Yxy	12.4660, 0.2243, 0.1425
Android (android.graphics.Color)	4285680071 (0xFF7249C7)
YUV	99.6230, 48.9929, 12.6086
Hunter-Lab	35.3072, 37.4581, -68.3232

# Details

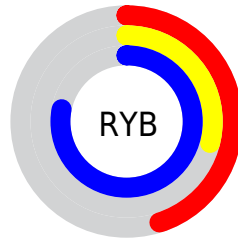
The Hex color **7249C7** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **9EC749**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AB7CFF**, and **381890** is the 20% darker color. If you saturate the color by 10%, you get **6535C7**, and if you desaturate by 10%, it is **7F5DC7**.

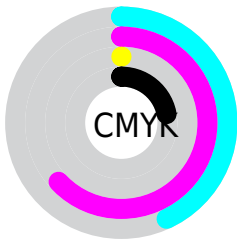
# Distribution



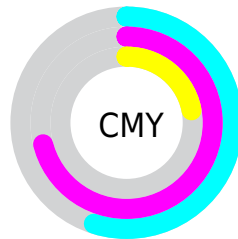
- Red (45%)
- Green (29%)
- Blue (78%)



- Red (45%)
- Yellow (29%)
- Blue (78%)



- Cyan (43%)
- Magenta (63%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (71%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7249C7 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 7249C7 by changing the saturation by 10% instead.



7249C7

7249C7

FFFFFF

5531AB

AB7CFF

381890

C896FF

130076

E6B1FF

00005C

FFCDDF

000044

FFEAFF

00032C

000117

000000

7249C7

7249C7

6535C7

7F5DC7

5721C7

8D71C7

4A0DC7

9A85C7

4100C7

A899C7

B5ADC7

C3C0C7

D0D4C7

DDE8C7

EBFCC7

# Harmonies

## Analogous

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



0067E0



7249C7



B61294

# Triad

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



7249C7



9E4D00



007C71

# Complementary

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



7249C7



9EC749

# 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.



00792F



7249C7



6C6600

# Square

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



7249C7



C02219



1E7300



007CAE

# Rectangle

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



7249C7



C8006B



1E7300



007B5C



# Sweetspot

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



7249C7



DECFFF



499FC7



6C6280



000000



808080



# Same Dimension

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



7249C7



7C3DFF



B049C7



5D5A63



3500A3



0C0024



# Inverse Universe

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



C7499E



FF3DC0



60C749



635A60



A3006E

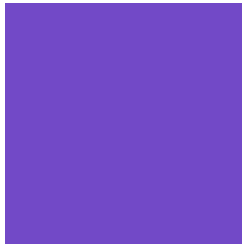


240018



# Previews

## White Background



This preview shows how the Hex color 7249C7 looks on a white background.

## Color Contrast Check

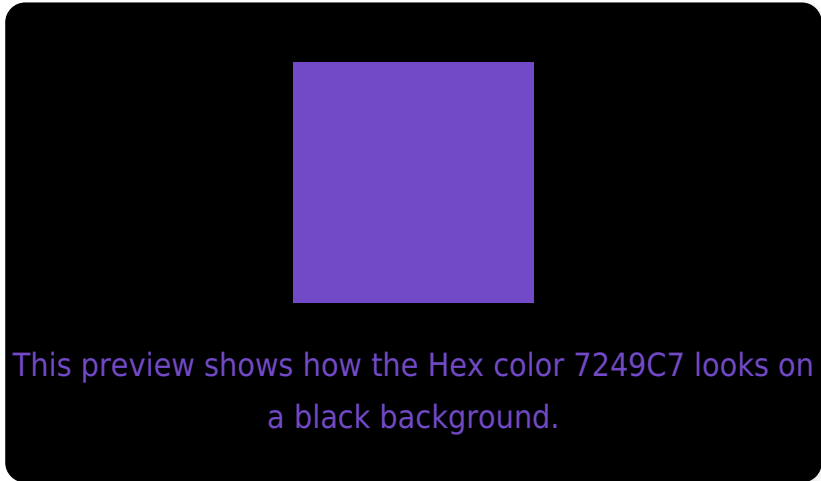
Large Text (above 18pt) WCAG AA ✓ Pass

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

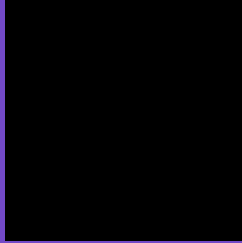
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7249C7 Background



This preview shows how black text looks on a background with the Hex color 7249C7.

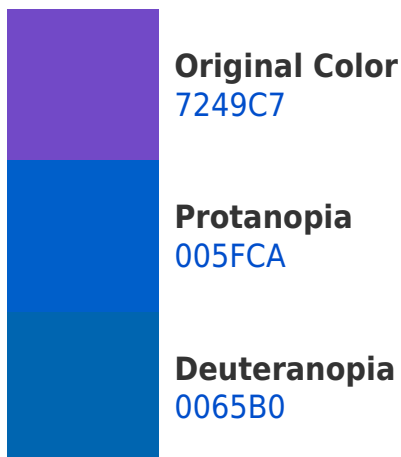


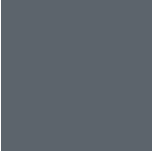
This preview shows how white text looks on a background with the Hex color 7249C7.

# 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](#).

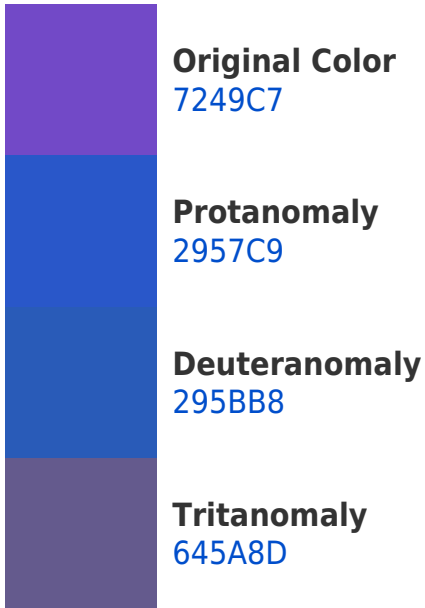
## Dichromacy



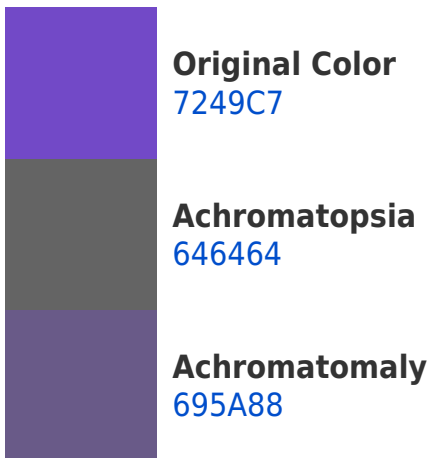


**Tritanopia**  
5C646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7249C7 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 #7249C7 looks like.

```
.text, #text, p{  
    color:#7249C7  
}
```

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 #7249C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7249C7
}
```

## Border

The CSS property to change the border of an element to Hex 7249C7 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
#7249C7 }
```

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

```
.border{ border-color:#7249C7 }
```

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

Here you see how a box with a 4 pixel #7249C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7249C7; -webkit-box-shadow:4px 4px  
4px 4px #7249C7; box-shadow:4px 4px 4px  
4px #7249C7 }
```

# Background

The CSS property to change the background color of an element to Hex 7249C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7249C7 }
```

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

```
.background{ background-color:#7249C7 }
```

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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