

Converting Colors

Hex(7949E6)

Have a look what the booklet for
Hex(7949E6) contains.

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Color

Hex(7949E6)

Conversions

Conversions Part 1

Format	Color
Hex	7949E6
RGB	121, 73, 230
RGB Percent	47%, 29%, 90%
CMY	0.5255, 0.7137, 0.0980
CMYK	0.47, 0.68, 0.00, 0.10
HSL	258°, 76%, 59%
HSV	258°, 68%, 90%
XYZ	24.5506, 14.5432, 76.3761
YIQ	105.2500, -21.7890, 59.0030

Conversions

Conversions Part 2

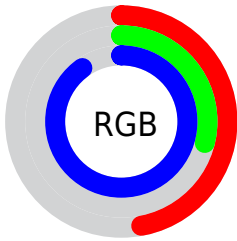
Format	Color
R_{YB}	121, 73, 230
Decimal	7948774
CIE _{Lab}	45.00, 55.49, -72.53
CIE _{LCh}	45, 91.319, 307.418
Yxy	14.5432, 0.2126, 0.1259
Android (android.graphics.Color)	4286138854 (0xFF7949E6)
YUV	105.2500, 61.5018, 13.8127
Hunter-Lab	38.1356, 48.1762, -92.0483

Details

The Hex color **7949E6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **B6E649**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B57DFF**, and **3914AD** is the 20% darker color. If you saturate the color by 10%, you get **6932E6**, and if you desaturate by 10%, it is **8960E6**.

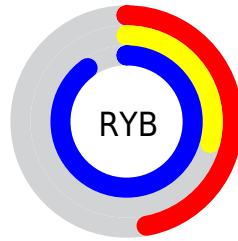
Distribution



Red (47%)

Green (29%)

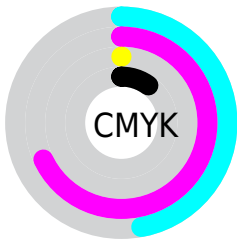
Blue (90%)



Red (47%)

Yellow (29%)

Blue (90%)

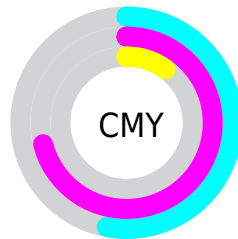


Cyan (47%)

Magenta (68%)

Yellow (0%)

Black (10%)



Cyan (53%)

Magenta (71%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7949E6 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 7949E6 by changing the saturation by 10% instead.

 7949E6

 7949E6

FFFFFF

 5A30C9

 B57DFF

 3914AD

 D398FF

 050092

 F1B3FF

 000077

 FFCFFF

 00005D

 FFECFF

 000845

 00032D

 000118

 000000

 7949E6

 7949E6

 6932E6

 8960E6

 591BE6

 9977E6

 4904E6

 A98EE6

 4600E6

 B9A5E6

 C9BCE6

 D9D3E6

 E9EAE6

 F9FFE6

 FFFFE6

Harmonies

Analogous

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



0070FF



7949E6



CF00A7

Triad

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



7949E6



AF4F00



00877C

Complementary

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



7949E6



B6E649

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.



008529



7949E6



726E00

Square

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



7949E6



DA000D



007E00



0088C7

Rectangle

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



7949E6



E50075



007E00



008762

Sweetspot

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



7949E6



DCCCFF



49B7E6



6A6180



000000



808080

Same Dimension

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



7949E6



6E2EFF



C749E6



6B6773



3700B3



100033

Inverse Universe

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



E649B6



FF2EBF



68E649



73676F



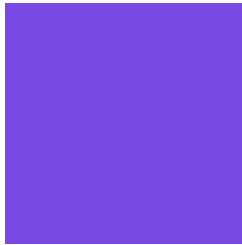
B3007C



330023

Previews

White Background



This preview shows how the Hex color 7949E6 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

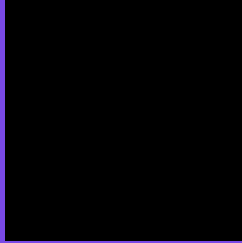
Any Text WCAG AA × Fail

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 7949E6 Background



This preview shows how black text looks on a background with the Hex color 7949E6.

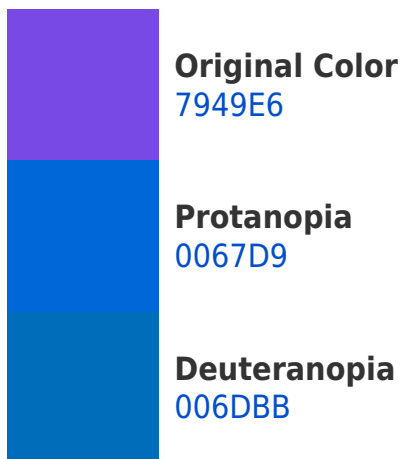


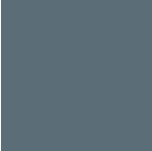
This preview shows how white text looks on a background with the Hex color 7949E6.

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](#).

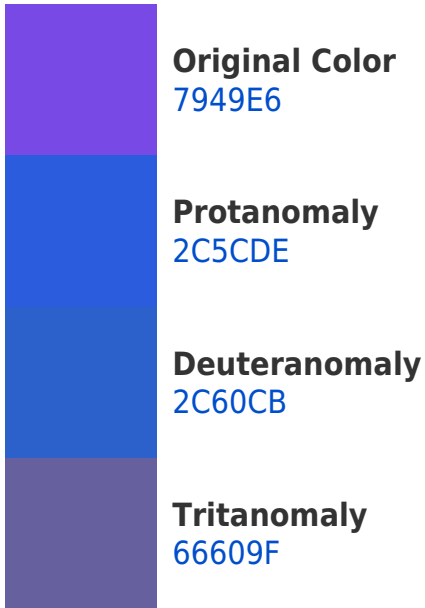
Dichromacy





Tritanopia
5B6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7949E6 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 #7949E6 looks like.

```
.text, #text, p{  
    color:#7949E6  
}
```

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 #7949E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7949E6
}
```

Border

The CSS property to change the border of an element to Hex 7949E6 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
#7949E6 }
```

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

```
.border{ border-color:#7949E6 }
```

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

Here you see how a box with a 4 pixel #7949E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7949E6; -webkit-box-shadow:4px 4px  
4px 4px #7949E6; box-shadow:4px 4px 4px  
4px #7949E6 }
```

Background

The CSS property to change the background color of an element to Hex 7949E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7949E6 }
```

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

```
.background{ background-color:#7949E6 }
```

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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