

Converting Colors

Hex(7569CC)

Have a look what the booklet for
Hex(7569CC) contains.

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Color

Hex(7569CC)

Conversions

Conversions Part 1

Format	Color
Hex	7569CC
RGB	117, 105, 204
RGB Percent	46%, 41%, 80%
CMY	0.5412, 0.5882, 0.2000
CMYK	0.43, 0.49, 0.00, 0.20
HSL	247°, 49%, 61%
HSV	247°, 49%, 80%
XYZ	23.2868, 18.2447, 59.4210
YIQ	119.8740, -24.6270, 33.3330

Conversions

Conversions Part 2

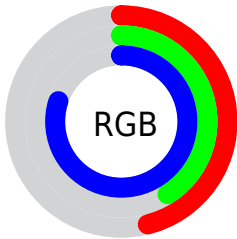
Format	Color
R_{YB}	117, 105, 204
Decimal	7694796
CIE _{Lab}	49.79, 29.28, -50.01
CIE _{LCh}	50, 57.949, 300.353
Yxy	18.2447, 0.2307, 0.1807
Android (android.graphics.Color)	4285884876 (0xFF7569CC)
YUV	119.8740, 41.4741, -2.5205
Hunter-Lab	42.7138, 22.5657, -52.5811

Details

The Hex color **7569CC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C0CC69**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AD9CFF**, and **3D3A95** is the 20% darker color. If you saturate the color by 10%, you get **6355CC**, and if you desaturate by 10%, it is **877DCC**.

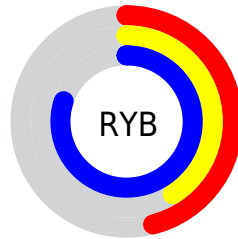
Distribution



Red (46%)

Green (41%)

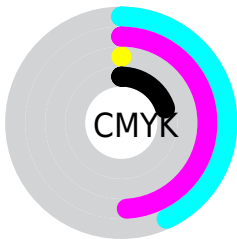
Blue (80%)



Red (46%)

Yellow (41%)

Blue (80%)

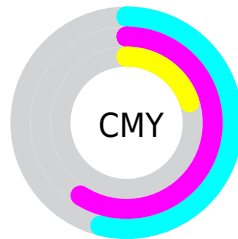


Cyan (43%)

Magenta (49%)

Yellow (0%)

Black (20%)



Cyan (54%)

Magenta (59%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7569CC 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 7569CC by changing the saturation by 10% instead.

■ 7569CC

■ 7569CC

FFFFFF

■ 5951B0

■ AD9CFF

■ 3D3A95

■ CAB7FF

■ 1D247B

■ E7D3FF

■ 000F61

■ FFEFFF

■ 000049

■ 000431

■ 00011B

■ 000000

■ 7569CC

■ 7569CC

6355CC

877DCC

5140CC

9992CC

3F2CCC

ABA6CC

2D17CC

BDBBCC

1B03CC

CFCFCC

1900CC

E1E3CC

F2F8CC

FFFFCC

Harmonies

Analogous

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



007CD9



7569CC



B252A8

Triad

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



7569CC



B3611C



008D76

Complementary

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



7569CC



C0CC69

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.



008A43



7569CC



8D7400

Square

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



7569CC



CA4C48



5C8213



008DA7

Rectangle

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



7569CC



C64689



5C8213



008C64

Sweetspot

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



7569CC



DDD9FF



69C0CC



6B6980



000000



808080

Same Dimension

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



7569CC



7D6BFF



A669CC



5D5C66



1400A6



050026

Inverse Universe

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



CC69C0



FF6BED



8FCC69



665C65



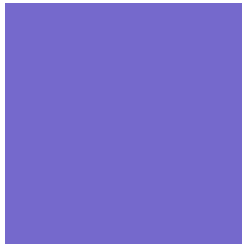
A60092



260022

Previews

White Background



This preview shows how the Hex color 7569CC looks on a white background.

Color Contrast Check

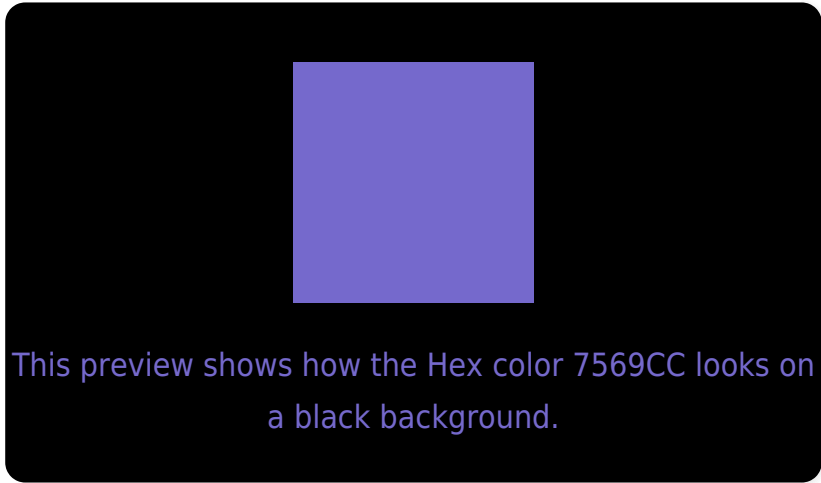
Large Text (above 18pt) WCAG AA ✓ Pass

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

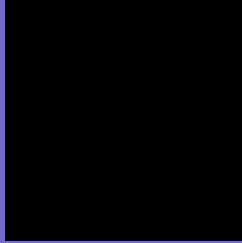
Any Text WCAG AA ✓ Pass

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 7569CC Background



This preview shows how black text looks on a background with the Hex color 7569CC.

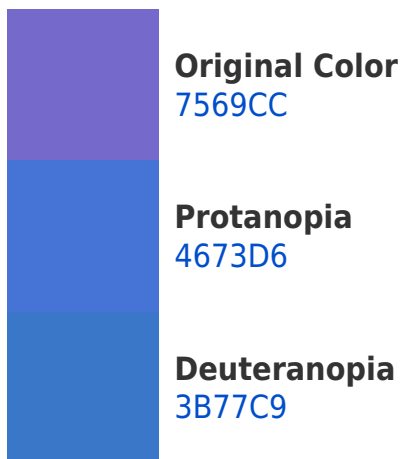



This preview shows how white text looks on a background with the Hex color 7569CC.

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](#).

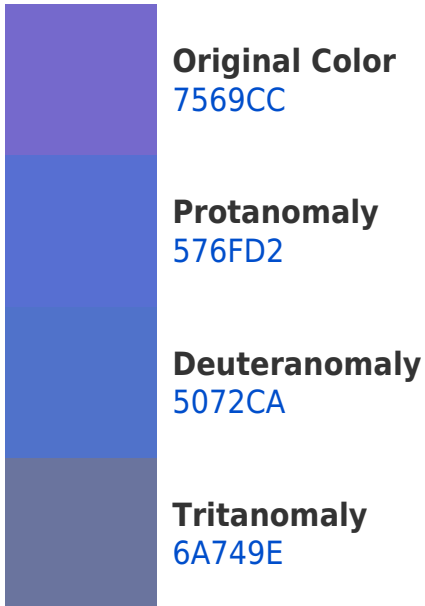
Dichromacy





Tritanopia
637A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7569CC 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 #7569CC looks like.

```
.text, #text, p{  
    color:#7569CC  
}
```

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 #7569CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7569CC  
}
```

Border

The CSS property to change the border of an element to Hex 7569CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

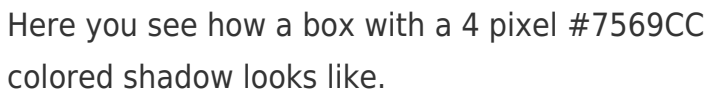
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7569CC }
```

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

```
.border{ border-color:#7569CC }
```

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



Here you see how a box with a 4 pixel #7569CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7569CC; -webkit-box-shadow:4px 4px  
4px 4px #7569CC; box-shadow:4px 4px 4px  
4px #7569CC }
```

Background

The CSS property to change the background color of an element to Hex 7569CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7569CC }
```

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

```
.background{ background-color:#7569CC }
```

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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