

Converting Colors

Hex(7567CE)

Have a look what the booklet for
Hex(7567CE) contains.

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Color

Hex(7567CE)

Conversions

Conversions Part 1

Format	Color
Hex	7567CE
RGB	117, 103, 206
RGB Percent	46%, 40%, 81%
CMY	0.5412, 0.5961, 0.1922
CMYK	0.43, 0.50, 0.00, 0.19
HSL	248°, 51%, 61%
HSV	248°, 50%, 81%
XYZ	23.3269, 17.9386, 60.6256
YIQ	118.9280, -24.7190, 35.0010

Conversions

Conversions Part 2

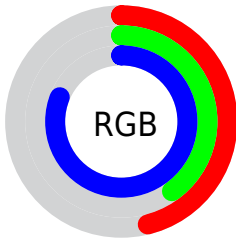
Format	Color
R_{YB}	117, 103, 206
Decimal	7694286
CIE _{Lab}	49.42, 31.06, -51.74
CIE _{LCh}	49, 60.346, 300.975
Yxy	17.9386, 0.2289, 0.1761
Android (android.graphics.Color)	4285884366 (0xFF7567CE)
YUV	118.9280, 42.9265, -1.6909
Hunter-Lab	42.3540, 24.1913, -55.2199

Details

The Hex color **7567CE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C0CE67**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AD9AFF**, and **3D3897** is the 20% darker color. If you saturate the color by 10%, you get **6352CE**, and if you desaturate by 10%, it is **877CCE**.

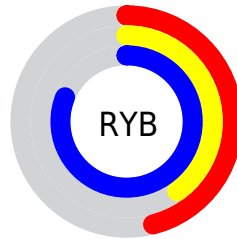
Distribution



Red (46%)

Green (40%)

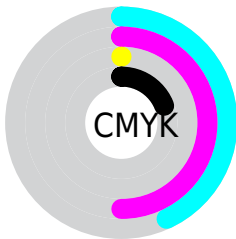
Blue (81%)



Red (46%)

Yellow (40%)

Blue (81%)

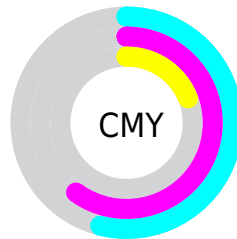


Cyan (43%)

Magenta (50%)

Yellow (0%)

Black (19%)



Cyan (54%)

Magenta (60%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7567CE 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 7567CE by changing the saturation by 10% instead.

■ 7567CE

■ 7567CE

FFFFFF

■ 594FB2

■ AD9AFF

■ 3D3897

■ CAB5FF

■ 1C227D

■ E7D1FF

■ 000D63

■ FFEDFF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 7567CE

■ 7567CE

6352CE

877CCE

513ECE

9990CE

4029CE

AAA5CE

2E15CE

BCB9CE

1C00CE

CECECE

E0E3CE

F2F7CE

FFFFCE

Harmonies

Analogous

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



007BDD



7567CE



B44EA8

Triad

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



7567CE



B35F15



008D76

Complementary

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



7567CE



C0CE67

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.



008941



7567CE



8C7400

Square

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



7567CE



CC4944



588109



008CA9

Rectangle

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



7567CE



C94187



588109



008C64

Sweetspot

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



7567CE



DED9FF



67C0CE



6C6980



000000



808080

Same Dimension

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



7567CE



7B66FF



A867CE



5D5C66



1700A6



050026

Inverse Universe

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



CE67C0



FF66EA



8DCE67



665C65



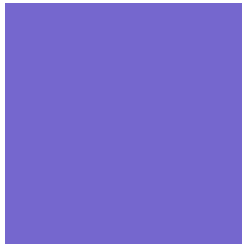
A6008F



260021

Previews

White Background



This preview shows how the Hex color 7567CE looks on a white background.

Color Contrast Check

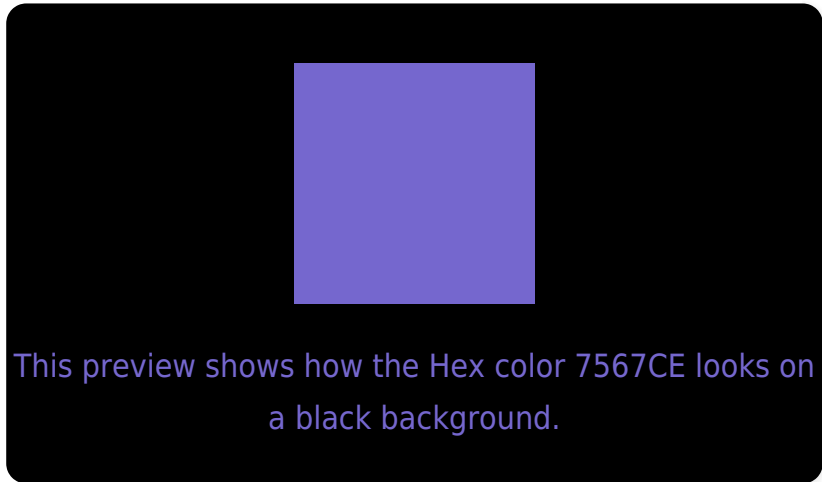
Large Text (above 18pt) WCAG AA ✓ Pass

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

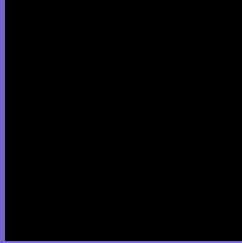
Any Text WCAG AA ✓ Pass

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 7567CE Background



This preview shows how black text looks on a background with the Hex color 7567CE.

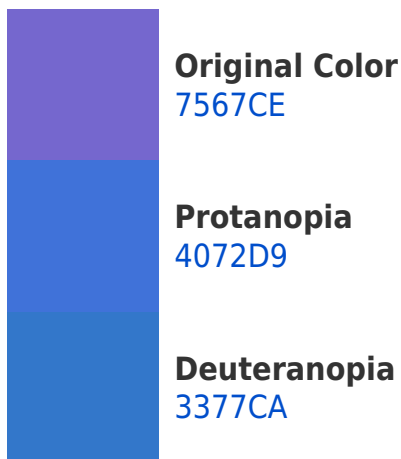


This preview shows how white text looks on a background with the Hex color 7567CE.

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
627983

Trichromacy



Original Color
7567CE

Protanomaly
536ED5

Deuteranomaly
4B71CB

Tritanomaly
69729E

Monochromacy



Original Color
7567CE

Achromatopsia
777777

Achromatomaly
767197

CSS Examples

Text

The CSS property to change the color of the text to Hex 7567CE 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 #7567CE looks like.

```
.text, #text, p{  
    color:#7567CE  
}
```

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 #7567CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7567CE
}
```

Border

The CSS property to change the border of an element to Hex 7567CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

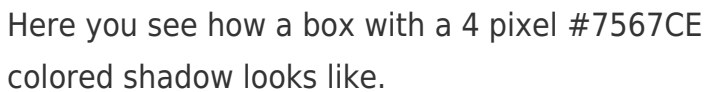
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7567CE }
```

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

```
.border{ border-color:#7567CE }
```

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



Here you see how a box with a 4 pixel `#7567CE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7567CE; -webkit-box-shadow:4px 4px  
4px 4px #7567CE; box-shadow:4px 4px 4px  
4px #7567CE }
```

Background

The CSS property to change the background color of an element to Hex 7567CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7567CE }
```

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

```
.background{ background-color:#7567CE }
```

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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