

Converting Colors

Hex(767C9D)

Have a look what the booklet for
Hex(767C9D) contains.

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Color

Hex(767C9D)

Conversions

Conversions Part 1

Format	Color
Hex	767C9D
RGB	118, 124, 157
RGB Percent	46%, 49%, 62%
CMY	0.5373, 0.5137, 0.3843
CMYK	0.25, 0.21, 0.00, 0.38
HSL	231°, 17%, 54%
HSV	231°, 25%, 62%
XYZ	20.7647, 20.7012, 34.7996
YIQ	125.9680, -14.1690, 8.9910

Conversions

Conversions Part 2

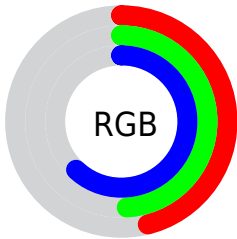
Format	Color
R_{YB}	118, 123, 157
Decimal	7765149
CIE Lab	52.62, 5.36, -18.43
CIE LCh	53, 19.193, 286.211
Yxy	20.7012, 0.2723, 0.2714
Android (android.graphics.Color)	4285955229 (0xFF767C9D)
YUV	125.9680, 15.2988, -6.9879
Hunter-Lab	45.4985, 1.8415, -13.4990

Details

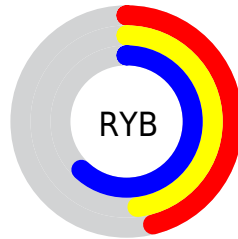
The Hex color **767C9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D9776**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ABB0D4**, and **454B6A** is the 20% darker color. If you saturate the color by 10%, you get **666F9D**, and if you desaturate by 10%, it is **86899D**.

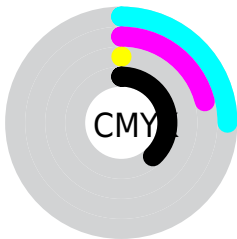
Distribution



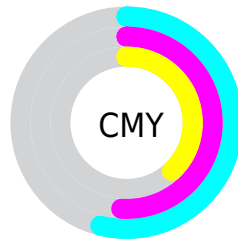
- Red (46%)
- Green (49%)
- Blue (62%)



- Red (46%)
- Yellow (48%)
- Blue (62%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)
- Black (38%)



- Cyan (54%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 767C9D 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 767C9D by changing the saturation by 10% instead.

■ 767C9D

■ 767C9D

FFFFFF

■ 5D6383

■ ABB0D4

■ 454B6A

■ C6CCF0

■ 2D3551

■ E2E8FF

■ 17203A

■ 000725

■ 00010E

■ 000000

■ 767C9D

■ 767C9D

■ 666F9D

■ 86899D

57619D

95979D

47549D

A5A49D

37479D

B5B19D

273A9D

C5BE9D

182C9D

D4CC9D

081F9D

E4D99D

00189D

F4E69D

FFF49D

Harmonies

Analogous

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



60819D



767C9D



8B7694

Triad

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



767C9D



9C7566



5C8675

Complementary

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



767C9D



9D9776

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.



6E8466



767C9D



917A5E

Square

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



767C9D



9F7275



817F5E



4F8786

Rectangle

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



767C9D



96738B



817F5E



618670

Sweetspot

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



767C9D



BEC0CC



769D97



5E5F66



E6E6E6



666666

Same Dimension

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



767C9D



8F98CC



83769D



47484F



00168F



00020F

Inverse Universe

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



9D767C



CC8F98



909D76



4F4748



8F0016



0F0002

Previews

White Background



This preview shows how the Hex color 767C9D looks on a white background.

Color Contrast Check

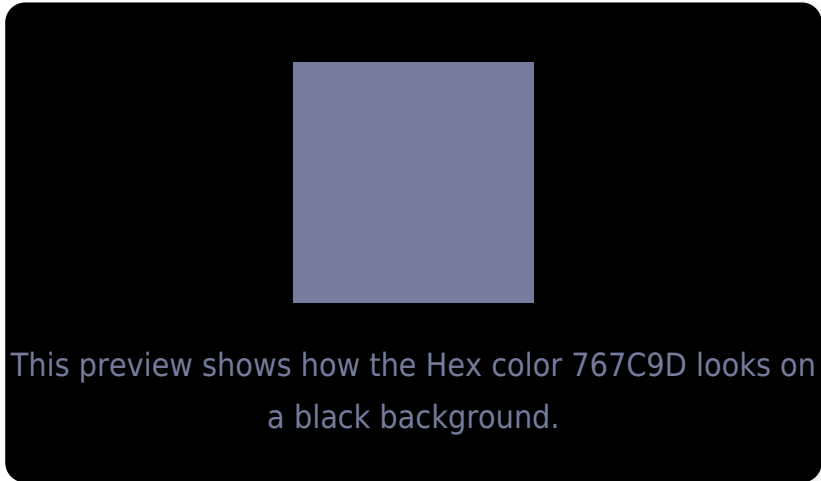
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

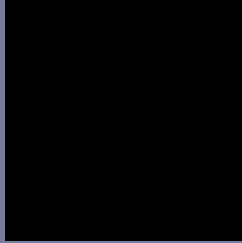
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

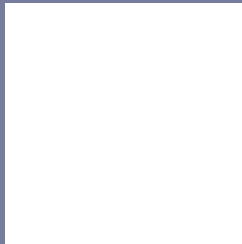
Any Text WCAG AAA × Fail

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

Hex 767C9D Background



This preview shows how black text looks on a background with the Hex color 767C9D.



This preview shows how white text looks on a background with the Hex color 767C9D.

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



Original Color

767C9D

Protanopia

757C9D

Deuteranopia

797B9D



Tritanopia
727F8A

Trichromacy



Original Color
767C9D

Protanomaly
757C9D

Deuteranomaly
787B9D

Tritanomaly
737E91

Monochromacy



Original Color
767C9D

Achromatopsia
7E7E7E

Achromatomaly
7B7D89

CSS Examples

Text

The CSS property to change the color of the text to Hex 767C9D 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 #767C9D looks like.

```
.text, #text, p{  
    color:#767C9D  
}
```

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 #767C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767C9D
}
```

Border

The CSS property to change the border of an element to Hex 767C9D 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
#767C9D }
```

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

```
.border{ border-color:#767C9D }
```

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

Here you see how a box with a 4 pixel #767C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767C9D; -webkit-box-shadow:4px 4px  
4px 4px #767C9D; box-shadow:4px 4px 4px  
4px #767C9D }
```

Background

The CSS property to change the background color of an element to Hex 767C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767C9D }
```

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

```
.background{ background-color:#767C9D }
```

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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