

Converting Colors

Hex(768C9A)

Have a look what the booklet for
Hex(768C9A) contains.

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Color

Hex(768C9A)

Conversions

Conversions Part 1

Format	Color
Hex	768C9A
RGB	118, 140, 154
RGB Percent	46%, 55%, 60%
CMY	0.5373, 0.4510, 0.3961
CMYK	0.23, 0.09, 0.00, 0.40
HSL	203°, 15%, 53%
HSV	203°, 23%, 60%
XYZ	22.6820, 24.9408, 34.1904
YIQ	135.0180, -17.6060, -0.3100

Conversions

Conversions Part 2

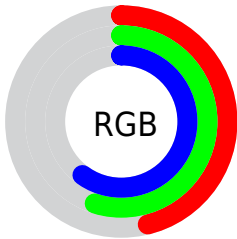
Format	Color
R_{YB}	118, 132, 154
Decimal	7769242
CIE _{Lab}	57.02, -4.60, -10.05
CIE _{LCh}	57, 11.048, 245.417
Yxy	24.9408, 0.2772, 0.3049
Android (android.graphics.Color)	4285959322 (0xFF768C9A)
YUV	135.0180, 9.3581, -14.9248
Hunter-Lab	49.9408, -6.3255, -5.6326

Details

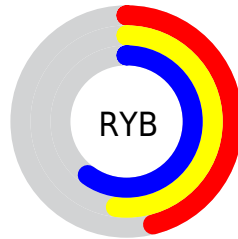
The Hex color **768C9A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9A8476**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **ABC2D0**, and **455A67** is the 20% darker color. If you saturate the color by 10%, you get **67869A**, and if you desaturate by 10%, it is **85929A**.

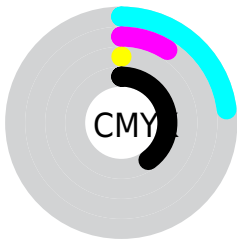
Distribution



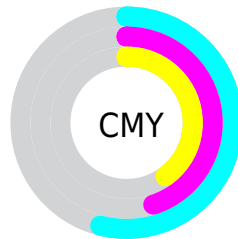
- Red (46%)
- Green (55%)
- Blue (60%)



- Red (46%)
- Yellow (52%)
- Blue (60%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (54%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768C9A 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 768C9A by changing the saturation by 10% instead.

 768C9A

 768C9A

FFFFFF

 5D7380


 ABC2D0

 455A67

 C6DDED

 2D434F

 E2FAFF

 172C38

 001823

 00000C

 000000

 768C9A

 768C9A

 67869A

 85929A

■ 57809A

■ 95989A

■ 487A9A

■ A49E9A

■ 38749A

■ B4A49A

■ 296E9A

■ C3AA9A

■ 1A689A

■ D2B09A

■ 0A629A

■ E2B69A

■ 005E9A

■ F1BC9A

■ FFC29A

Harmonies

Analogous

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



718E94



768C9A



81899C

Triad

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



768C9A



9D8287



848C79

Complementary

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



768C9A



9A8476

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.



8F8976



768C9A



9D837E

Square

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



768C9A



978391



988678



798E81

Rectangle

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



768C9A



89879A



988678



888B77

Sweetspot

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



768C9A



BBC4C9



769A84



5E6366



E6E6E6



666666

Same Dimension

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



768C9A



91B4C9



767A9A



454A4D



00568C



00080D

Inverse Universe

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



9A768C



C991B4



9A9676



4D454A



8C0056



0D0008

Previews

White Background



This preview shows how the Hex color 768C9A looks on a white background.

Color Contrast Check

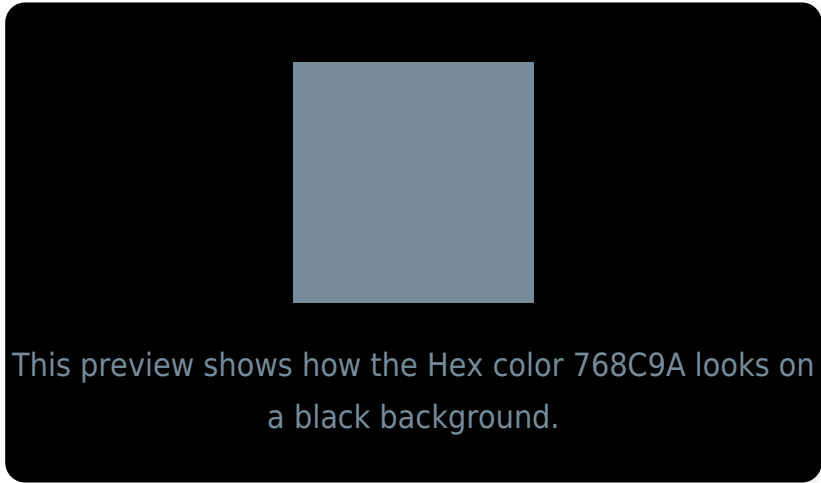
Large Text (above 18pt) WCAG AA ✓ Pass

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

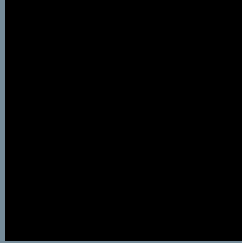
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

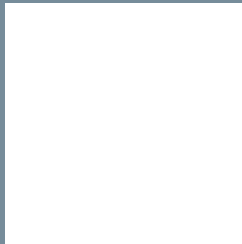
Any Text WCAG AAA × Fail

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

Hex 768C9A Background



This preview shows how black text looks on a background with the Hex color 768C9A.

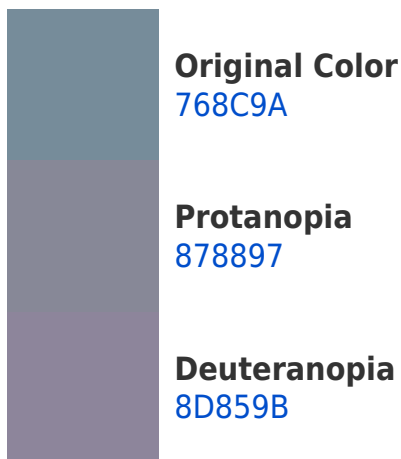


This preview shows how white text looks on a background with the Hex color 768C9A.

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
768C98

Trichromacy



Original Color
768C9A

Protanomaly
818998

Deuteranomaly
85889B

Tritanomaly
768C99

Monochromacy



Original Color
768C9A

Achromatopsia
878787

Achromatomaly
81898E

CSS Examples

Text

The CSS property to change the color of the text to Hex 768C9A 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 #768C9A looks like.

```
.text, #text, p{  
    color:#768C9A  
}
```

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 #768C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768C9A
}
```

Border

The CSS property to change the border of an element to Hex 768C9A 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
#768C9A }
```

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

```
.border{ border-color:#768C9A }
```

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

Here you see how a box with a 4 pixel #768C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768C9A; -webkit-box-shadow:4px 4px  
4px 4px #768C9A; box-shadow:4px 4px 4px  
4px #768C9A }
```

Background

The CSS property to change the background color of an element to Hex 768C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768C9A }
```

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

```
.background{ background-color:#768C9A }
```

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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