

Converting Colors

Hex(68667A)

Have a look what the booklet for
Hex(68667A) contains.

Hex(68667A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(68667A)

Conversions

Conversions Part 1

Format	Color
Hex	68667A
RGB	104, 102, 122
RGB Percent	41%, 40%, 48%
CMY	0.5922, 0.6000, 0.5216
CMYK	0.15, 0.16, 0.00, 0.52
HSL	246°, 9%, 44%
HSV	246°, 16%, 48%
XYZ	13.9731, 13.8509, 20.3494
YIQ	104.8780, -5.2280, 6.6440

Conversions

Conversions Part 2

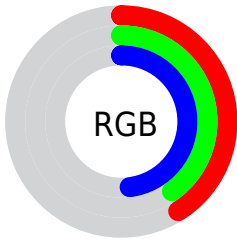
Format	Color
RYB	104, 102, 122
Decimal	6841978
CIELab	44.02, 5.19, -10.87
CIELCh	44, 12.043, 295.525
Yxy	13.8509, 0.2901, 0.2875
Android (android.graphics.Color)	4285032058 (0xFF68667A)
YUV	104.8780, 8.4411, -0.7700
Hunter-Lab	37.2168, 1.8887, -6.3667

Details

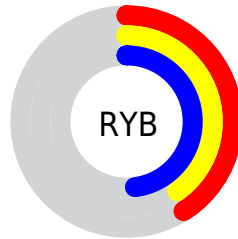
The Hex color **68667A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787A66**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9B99AE**, and **393749** is the 20% darker color. If you saturate the color by 10%, you get **5D5A7A**, and if you desaturate by 10%, it is **73727A**.

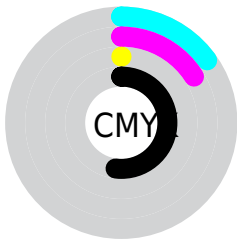
Distribution



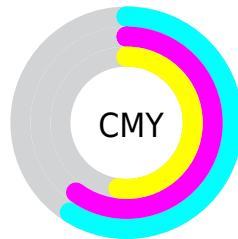
- Red (41%)
- Green (40%)
- Blue (48%)



- Red (41%)
- Yellow (40%)
- Blue (48%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68667A 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 68667A by changing the saturation by 10% instead.

■ 68667A

■ 68667A

FFFFFF

■ 504E61

■ 9B99AE

■ 393749

■ B6B4CA

■ 232233

■ D2CFE6

■ 0F0C1E

■ EEEBFF

■ 000001

■ 000000

■ 68667A

■ 68667A

■ 5D5A7A

■ 73727A

■ 524E7A

■ 7E7E7A

■ 47417A

■ 898B7A

■ 3C357A

■ 94977A

■ 31297A

■ 9FA37A

■ 261D7A

■ AAAF7A

■ 1B117A

■ B5BB7A

■ 10047A

■ C0C87A

■ 0C007A

■ CBD47A

Harmonies

Analogous

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



5B697C



68667A



746373

Triad

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



68667A



796458



526E66

Complementary

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



68667A



787A66

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.



5B6D5C



68667A



716754

Square

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



68667A



7D6260



676A56



4D6E70

Rectangle

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



68667A



79626D



676A56



556E63

Sweetspot

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



68667A



97969E



66787A



4B4A4F



CFCFCF



4F4F4F

Same Dimension

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



68667A



827E9E



72667A



38373D



0C007D



1900FC

Inverse Universe

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



7A6678



9E7E9B



6E7A66



3D373D



7D0070



FC00E3

Previews

White Background



This preview shows how the Hex color 68667A looks on a white background.

Color Contrast Check

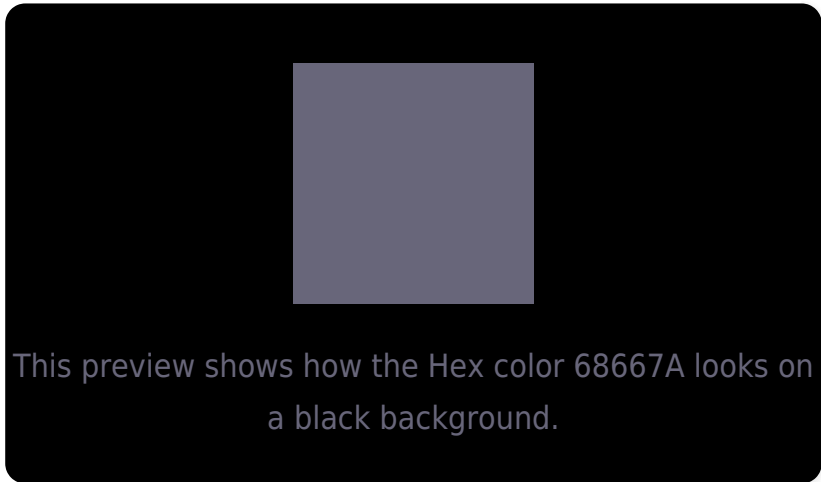
Large Text (above 18pt) WCAG AA ✓ Pass

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

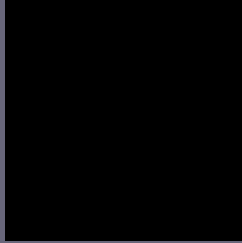
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

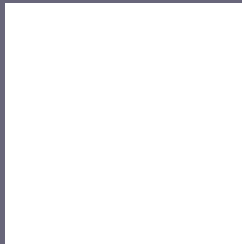
Any Text WCAG AAA × Fail

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

Hex 68667A Background



This preview shows how black text looks on a background with the Hex color 68667A.

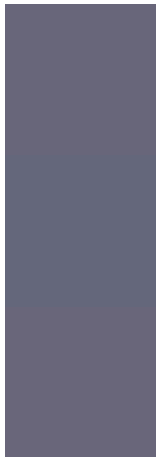


This preview shows how white text looks on a background with the Hex color 68667A.

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
68667A

Protanopia
64677B

Deuteranopia
69667A



Tritanopia
666870

Trichromacy



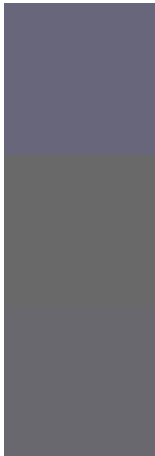
Original Color
68667A

Protanomaly
65677B

Deuteranomaly
69667A

Tritanomaly
676774

Monochromacy



Original Color
68667A

Achromatopsia
696969

Achromatomaly
69686F

CSS Examples

Text

The CSS property to change the color of the text to Hex 68667A 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 #68667A looks like.

```
.text, #text, p{  
    color:#68667A  
}
```

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 #68667A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68667A
}
```

Border

The CSS property to change the border of an element to Hex 68667A is called "border". The border property can be set on classes, ids or directly on the HTML element.

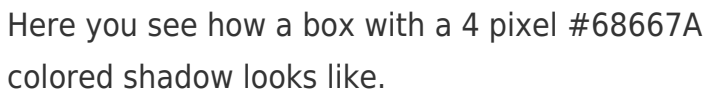
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68667A }
```

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

```
.border{ border-color:#68667A }
```

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



Here you see how a box with a 4 pixel #68667A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68667A; -webkit-box-shadow:4px 4px  
4px 4px #68667A; box-shadow:4px 4px 4px  
4px #68667A }
```

Background

The CSS property to change the background color of an element to Hex 68667A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68667A }
```

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

```
.background{ background-color:#68667A }
```

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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