

Converting Colors

Hex(567C8A)

Have a look what the booklet for
Hex(567C8A) contains.

Hex(567C8A)	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(567C8A)

Conversions

Conversions Part 1

Format	Color
Hex	567C8A
RGB	86, 124, 138
RGB Percent	34%, 49%, 54%
CMY	0.6627, 0.5137, 0.4588
CMYK	0.38, 0.10, 0.00, 0.46
HSL	196°, 23%, 44%
HSV	196°, 38%, 54%
XYZ	15.6328, 18.2287, 26.7393
YIQ	114.2340, -27.1420, -3.7020

Conversions

Conversions Part 2

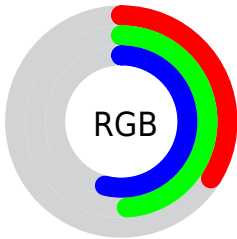
Format	Color
R_{YB}	86, 108, 138
Decimal	5667978
CIE _{Lab}	49.77, -9.55, -11.84
CIE _{LCh}	50, 15.216, 231.114
Yxy	18.2287, 0.2580, 0.3008
Android (android.graphics.Color)	4283858058 (0xFF567C8A)
YUV	114.2340, 11.7166, -24.7612
Hunter-Lab	42.6951, -9.3585, -7.2459

Details

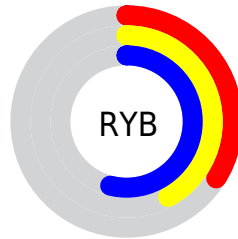
The Hex color **567C8A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A6456**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8AB1BF**, and **244B58** is the 20% darker color. If you saturate the color by 10%, you get **48788A**, and if you desaturate by 10%, it is **64808A**.

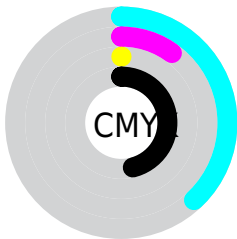
Distribution



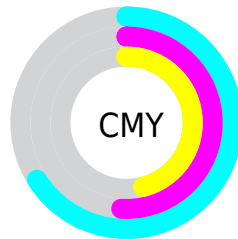
- Red (34%)
- Green (49%)
- Blue (54%)



- Red (34%)
- Yellow (42%)
- Blue (54%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)



- Cyan (66%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567C8A 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 567C8A by changing the saturation by 10% instead.

■ 567C8A

■ 567C8A

FFFFFF

■ 3D6371

■ 8AB1BF

■ 244B58

■ A5CCDB

■ 083441

■ C0E8F8

■ 001F2B

■ DDFFFF

■ 000117

■ F9FFFF

■ 000000

■ 567C8A

■ 567C8A

■ 48788A

■ 64808A

■ 3A758A

■ 72838A

■ 2D718A

■ 7F878A

■ 1F6D8A

■ 8D8B8A

■ 11698A

■ 9B8F8A

■ 03668A

■ A9928A

■ 00658A

■ B7968A

■ C49A8A

■ D29D8A

Harmonies

Analogous

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



537E7F



567C8A



637990

Triad

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



567C8A



8E6E7B



77785E

Complementary

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



567C8A



8A6456

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.



84745D



567C8A



916E6E

Square

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



567C8A



837087



8E7063



687C66

Rectangle

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



567C8A



6E7690



8E7063



7B775D

Sweetspot

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



567C8A



9FADB3



568A64



4E5659



D9D9D9



595959

Same Dimension

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



567C8A



629DB3



56628A



3E4345



006185



000405

Inverse Universe

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



8A567C



B3629D



8A7E56



453E43



850061



050004

Previews

White Background



This preview shows how the Hex color 567C8A looks on a white background.

Color Contrast Check

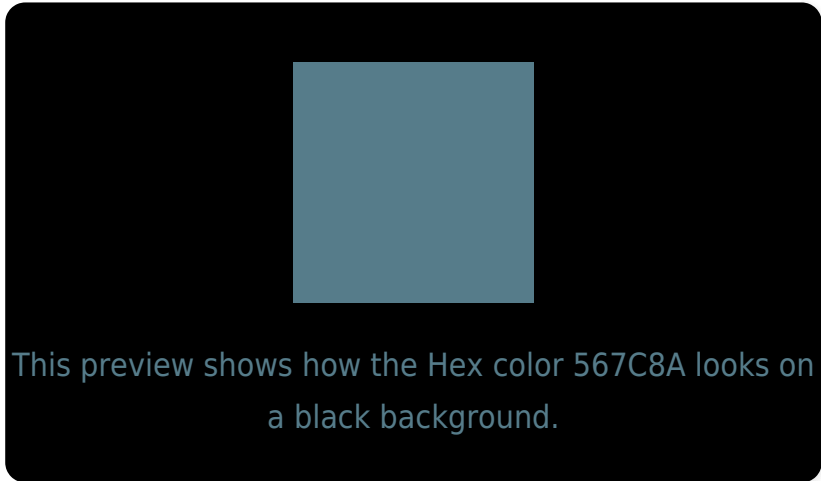
Large Text (above 18pt) WCAG AA ✓ Pass

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

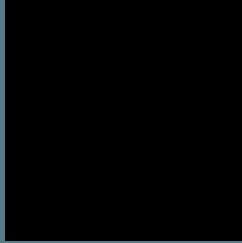
Any Text WCAG AA ✓ Pass

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 567C8A Background



This preview shows how black text looks on a background with the Hex color 567C8A.

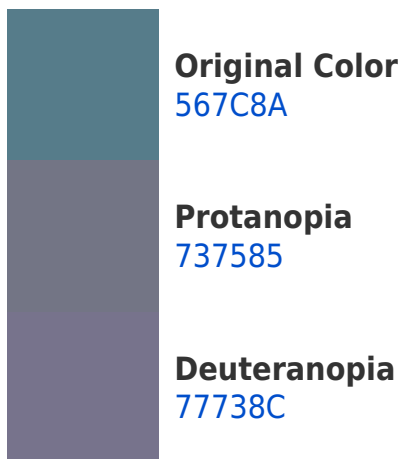



This preview shows how white text looks on a background with the Hex color 567C8A.

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](#).

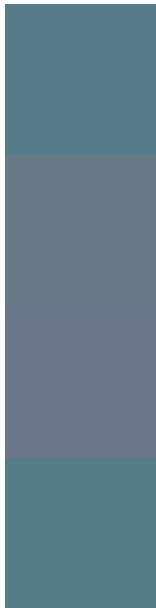
Dichromacy





Tritanopia
557D87

Trichromacy



Original Color
567C8A

Protanomaly
687887

Deuteranomaly
6B768B

Tritanomaly
557D88

Monochromacy



Original Color
567C8A

Achromatopsia
727272

Achromatomaly
68767B

CSS Examples

Text

The CSS property to change the color of the text to Hex 567C8A 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 #567C8A looks like.

```
.text, #text, p{  
    color:#567C8A  
}
```

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 #567C8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567C8A
}
```

Border

The CSS property to change the border of an element to Hex 567C8A 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
#567C8A }
```

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

```
.border{ border-color:#567C8A }
```

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

Here you see how a box with a 4 pixel #567C8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567C8A; -webkit-box-shadow:4px 4px  
4px 4px #567C8A; box-shadow:4px 4px 4px  
4px #567C8A }
```

Background

The CSS property to change the background color of an element to Hex 567C8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567C8A }
```

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

```
.background{ background-color:#567C8A }
```

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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