

Converting Colors

Hex(567A8F)

Have a look what the booklet for
Hex(567A8F) contains.

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Color

Hex(567A8F)

Conversions

Conversions Part 1

Format	Color
Hex	567A8F
RGB	86, 122, 143
RGB Percent	34%, 48%, 56%
CMY	0.6627, 0.5216, 0.4392
CMYK	0.40, 0.15, 0.00, 0.44
HSL	202°, 25%, 45%
HSV	202°, 40%, 56%
XYZ	15.7552, 17.8807, 28.6075
YIQ	113.6300, -28.1970, -1.1010

Conversions

Conversions Part 2

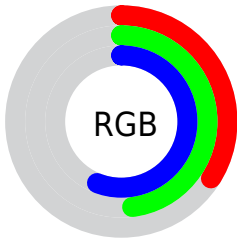
Format	Color
R_{YB}	86, 108, 143
Decimal	5667471
CIE _{Lab}	49.35, -7.02, -15.42
CIE _{LCh}	49, 16.946, 245.514
Yxy	17.8807, 0.2531, 0.2873
Android (android.graphics.Color)	4283857551 (0xFF567A8F)
YUV	113.6300, 14.4794, -24.2315
Hunter-Lab	42.2855, -7.4922, -10.5117

Details

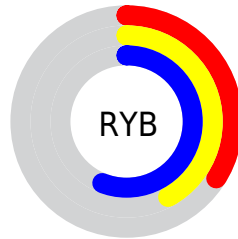
The Hex color **567A8F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8F6B56**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8AAEC5**, and **24495D** is the 20% darker color. If you saturate the color by 10%, you get **48758F**, and if you desaturate by 10%, it is **647F8F**.

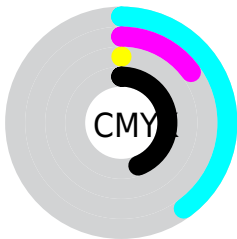
Distribution



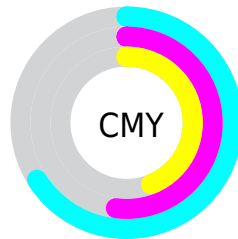
- Red (34%)
- Green (48%)
- Blue (56%)



- Red (34%)
- Yellow (42%)
- Blue (56%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567A8F 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 567A8F by changing the saturation by 10% instead.

■ 567A8F

■ 567A8F

FFFFFF

■ 3D6175

■ 8AAEC5

■ 24495D

■ A5CAE1

■ 063345

■ C1E6FD

■ 001E2F

■ DDDFFF

■ 00011A

■ FAFFFF

■ 000000

■ 567A8F

■ 567A8F

■ 48758F

■ 647F8F

■ 396F8F

■ 73858F

■ 2B6A8F

■ 818A8F

■ 1D658F

■ 8F8F8F

■ 0E608F

■ 9E948F

■ 005A8F

■ AC9A8F

■ BA9F8F

■ C8A48F

■ D7A98F

Harmonies

Analogous

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



4D7D85



567A8F



687692

Triad

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



567A8F



926B73



6E795E

Complementary

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



567A8F



8F6B56

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.



7D7559



567A8F



926D65

Square

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



567A8F



8A6D81



8A705C



5D7C69

Rectangle

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



567A8F



75728F



8A705C



73785B

Sweetspot

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



567A8F



A4B2BA



568F6B



51595E



DEDEDE



5E5E5E

Same Dimension

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



567A8F



6199BA



565E8F



404547



005587



000508

Inverse Universe

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



8F567A



BA6199



8F8756



474045



870055



080005

Previews

White Background



This preview shows how the Hex color 567A8F looks on a white background.

Color Contrast Check

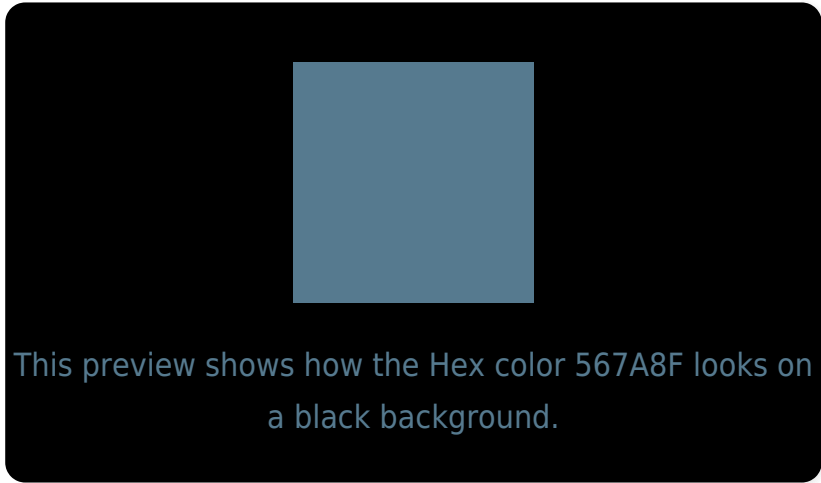
Large Text (above 18pt) WCAG AA ✓ Pass

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

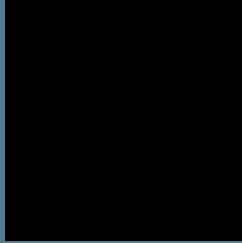
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

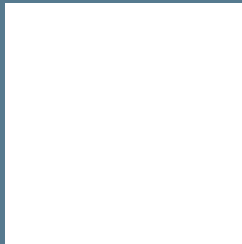
Any Text WCAG AAA × Fail

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

Hex 567A8F Background



This preview shows how black text looks on a background with the Hex color 567A8F.

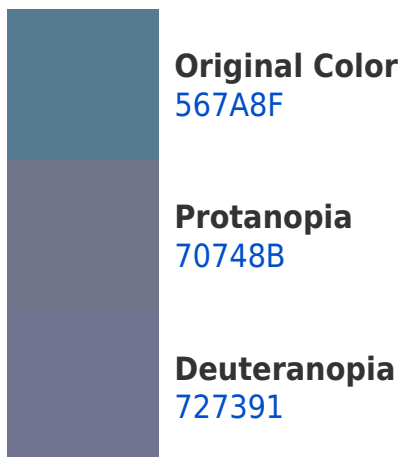



This preview shows how white text looks on a background with the Hex color 567A8F.

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
537C86

Trichromacy



Original Color
567A8F

Protanomaly
67768C

Deuteranomaly
687690

Tritanomaly
547B89

Monochromacy



Original Color
567A8F

Achromatopsia
727272

Achromatomaly
68757D

CSS Examples

Text

The CSS property to change the color of the text to Hex 567A8F 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 #567A8F looks like.

```
.text, #text, p{  
    color:#567A8F  
}
```

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 #567A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567A8F
}
```

Border

The CSS property to change the border of an element to Hex 567A8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

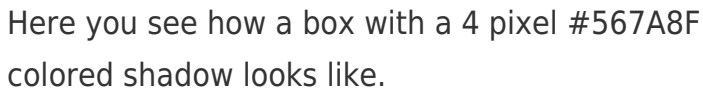
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#567A8F }
```

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

```
.border{ border-color:#567A8F }
```

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



Here you see how a box with a 4 pixel #567A8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567A8F; -webkit-box-shadow:4px 4px  
4px 4px #567A8F; box-shadow:4px 4px 4px  
4px #567A8F }
```

Background

The CSS property to change the background color of an element to Hex 567A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567A8F }
```

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

```
.background{ background-color:#567A8F }
```

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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