

Converting Colors

Hex(687B9D)

Have a look what the booklet for
Hex(687B9D) contains.

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Color

Hex(687B9D)

Conversions

Conversions Part 1

Format	Color
Hex	687B9D
RGB	104, 123, 157
RGB Percent	41%, 48%, 62%
CMY	0.5922, 0.5176, 0.3843
CMYK	0.34, 0.22, 0.00, 0.38
HSL	218°, 21%, 51%
HSV	218°, 34%, 62%
XYZ	18.8777, 19.5433, 34.6756
YIQ	121.1950, -22.2380, 6.5460

Conversions

Conversions Part 2

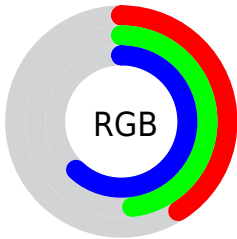
Format	Color
RYB	104, 118, 157
Decimal	6847389
CIELab	51.32, 1.57, -20.52
CIELCh	51, 20.575, 274.365
Yxy	19.5433, 0.2583, 0.2674
Android (android.graphics.Color)	4285037469 (0xFF687B9D)
YUV	121.1950, 17.6519, -15.0800
Hunter-Lab	44.2078, -1.1403, -15.5602

Details

The Hex color **687B9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D8A68**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9DAFD4**, and **364A6A** is the 20% darker color. If you saturate the color by 10%, you get **58719D**, and if you desaturate by 10%, it is **78859D**.

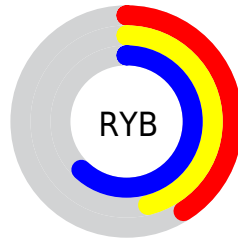
Distribution



Red (41%)

Green (48%)

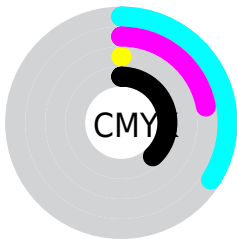
Blue (62%)



Red (41%)

Yellow (46%)

Blue (62%)

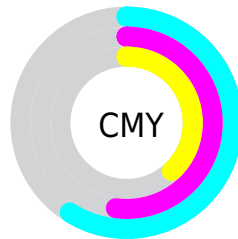


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (38%)



Cyan (59%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687B9D 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 687B9D by changing the saturation by 10% instead.

■ 687B9D

■ 687B9D

FFFFFF

■ 4F6283

■ 9DAFD4

■ 364A6A

■ B8CBF0

■ 1E3451

■ D4E7FF

■ 031F3A

■ F0FFFF

■ 000625

■ 00010D

■ 000000

■ 687B9D

■ 687B9D

■ 58719D

■ 78859D

■ 49679D

■ 878F9D

■ 395D9D

■ 97999D

■ 29539D

■ A7A39D

■ 19499D

■ B7AD9D

■ 0A3F9D

■ C6B79D

■ 00389D

■ D6C29D

■ E6CC9D

■ F5D69D

Harmonies

Analogous

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



518099



687B9D



807597

Triad

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



687B9D



9D6F67



5D836B

Complementary

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



687B9D



9D8A68

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.



717F5D



687B9D



94745B

Square

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



687B9D



9D6D78



857A57



4C847C

Rectangle

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



687B9D



8E718F



857A57



648265

Sweetspot

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



687B9D



B8BFCC



689D8A



5A5E66



E6E6E6



666666

Same Dimension

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



687B9D



7896CC



6F689D



474A4F



00338F



00050F

Inverse Universe

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



9D687B



CC7896



969D68



4F474A



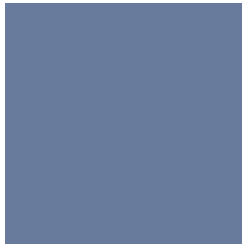
8F0033



0F0005

Previews

White Background



This preview shows how the Hex color 687B9D looks on a white background.

Color Contrast Check

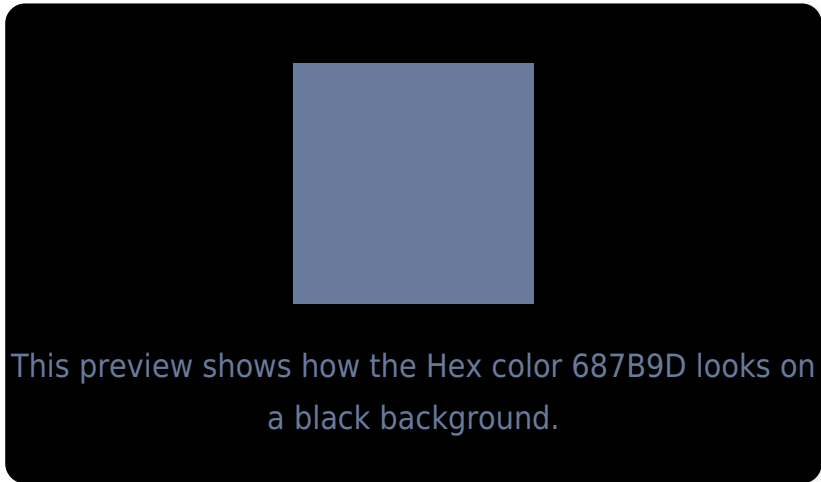
Large Text (above 18pt) WCAG AA ✓ Pass

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

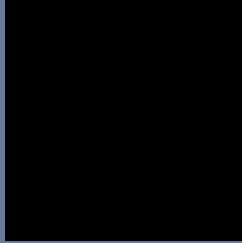
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

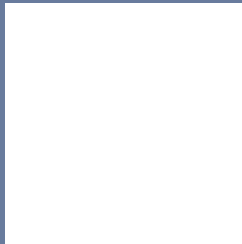
Any Text WCAG AAA × Fail

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

Hex 687B9D Background



This preview shows how black text looks on a background with the Hex color 687B9D.

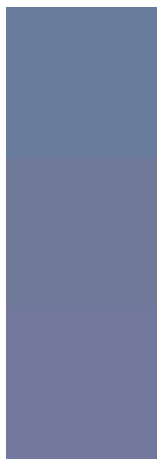


This preview shows how white text looks on a background with the Hex color 687B9D.

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
687B9D

Protanopia
71799B

Deuteranopia
73789E



Tritanopia
637F89

Trichromacy



Original Color
687B9D

Protanomaly
6E7A9C

Deuteranomaly
6F799E

Tritanomaly
657E90

Monochromacy



Original Color
687B9D

Achromatopsia
797979

Achromatomaly
737A86

CSS Examples

Text

The CSS property to change the color of the text to Hex 687B9D 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 #687B9D looks like.

```
.text, #text, p{  
    color:#687B9D  
}
```

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 #687B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687B9D
}
```

Border

The CSS property to change the border of an element to Hex 687B9D 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
#687B9D }
```

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

```
.border{ border-color:#687B9D }
```

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

Here you see how a box with a 4 pixel #687B9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687B9D; -webkit-box-shadow:4px 4px  
4px 4px #687B9D; box-shadow:4px 4px 4px  
4px #687B9D }
```

Background

The CSS property to change the background color of an element to Hex 687B9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687B9D }
```

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

```
.background{ background-color:#687B9D }
```

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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