

Converting Colors

Hex(687BB7)

Have a look what the booklet for
Hex(687BB7) contains.

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Color

Hex(687BB7)

Conversions

Conversions Part 1

Format	Color
Hex	687BB7
RGB	104, 123, 183
RGB Percent	41%, 48%, 72%
CMY	0.5922, 0.5176, 0.2824
CMYK	0.43, 0.33, 0.00, 0.28
HSL	226°, 35%, 56%
HSV	226°, 43%, 72%
XYZ	21.3391, 20.5279, 47.6373
YIQ	124.1590, -30.5840, 14.6320

Conversions

Conversions Part 2

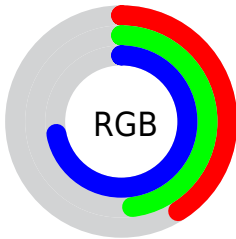
Format	Color
RYB	104, 119, 183
Decimal	6847415
CIELab	52.43, 8.94, -33.85
CIELCh	52, 35.010, 284.791
Yxy	20.5279, 0.2384, 0.2294
Android (android.graphics.Color)	4285037495 (0xFF687BB7)
YUV	124.1590, 29.0086, -17.6794
Hunter-Lab	45.3077, 4.7819, -30.6232

Details

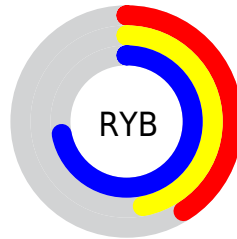
The Hex color **687BB7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B7A468**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9EAFEF**, and **334B82** is the 20% darker color. If you saturate the color by 10%, you get **566DB7**, and if you desaturate by 10%, it is **7A89B7**.

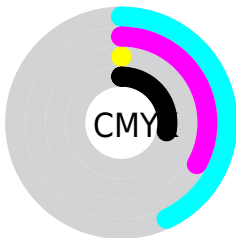
Distribution



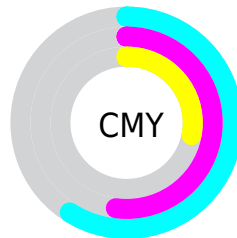
- Red (41%)
- Green (48%)
- Blue (72%)



- Red (41%)
- Yellow (47%)
- Blue (72%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (28%)



- Cyan (59%)
- Magenta (52%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687BB7 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 687BB7 by changing the saturation by 10% instead.

■ 687BB7

■ 687BB7

FFFFFF

■ 4D629C

■ 9EAFEF

■ 334B82

■ BACBFF

■ 143468

■ D7E7FF

■ 002050

■ F4FFFF

■ 000739

■ 000222

■ 000009

■ 000000

■ 687BB7

■ 687BB7

■ 566DB7

■ 7A89B7

■ 435FB7

■ 8D97B7

■ 3151B7

■ 9FA5B7

■ 1F43B7

■ B1B3B7

■ 0C36B7

■ C3C0B7

■ 002CB7

■ D6CEB7

■ E8DCB7

■ FAEAB7

■ FFF8B7

Harmonies

Analogous

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



2985B7



687BB7



9370A8

Triad

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



687BB7



B06C54



358C6C

Complementary

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



687BB7



B7A468

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.



608751



687BB7



9D7643

Square

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



687BB7



B7656F



818042



008D8B

Rectangle

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



687BB7



A66997



818042



458B62

Sweetspot

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



687BB7



CED6ED



68B7A3



656978



F7F7F7



787878

Same Dimension

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



687BB7



728FED



7C68B7



53555C



00259C



00071C

Inverse Universe

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



B7687B



ED728F



A3B768



5C5355



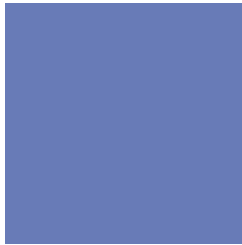
9C0025



1C0007

Previews

White Background



This preview shows how the Hex color 687BB7 looks on a white background.

Color Contrast Check

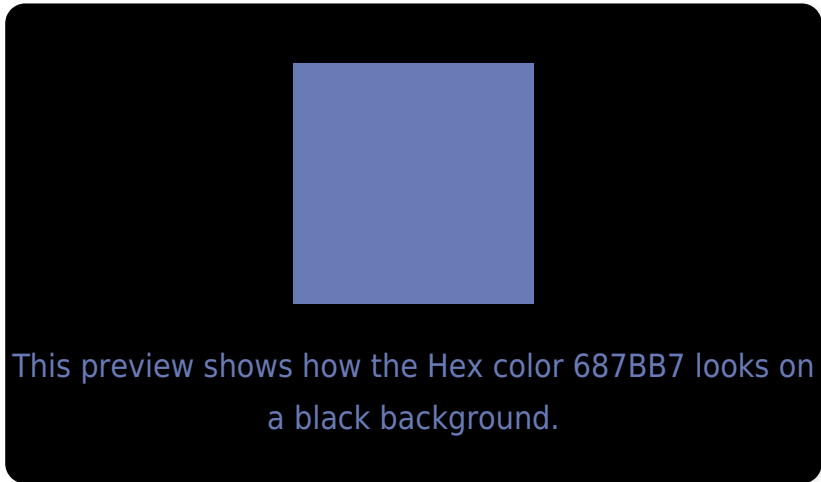
Large Text (above 18pt) WCAG AA ✓ Pass

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

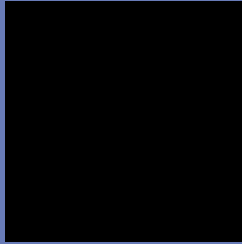
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

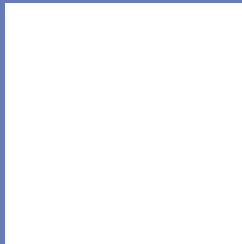
Any Text WCAG AAA × Fail

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

Hex 687BB7 Background



This preview shows how black text looks on a background with the Hex color 687BB7.

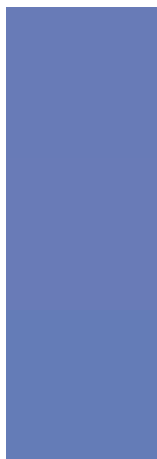


This preview shows how white text looks on a background with the Hex color 687BB7.

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
687BB7

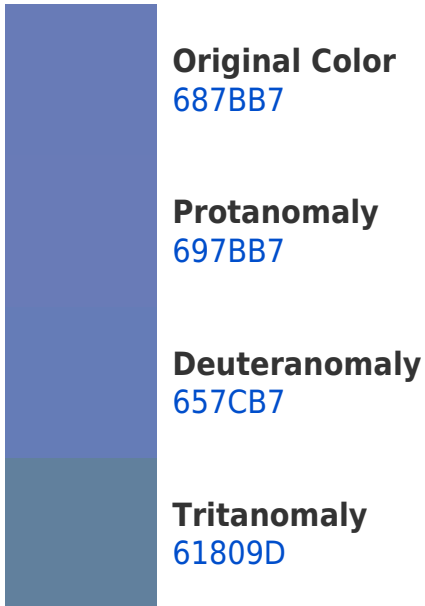
Protanopia
697BB7

Deuteranopia
647CB7

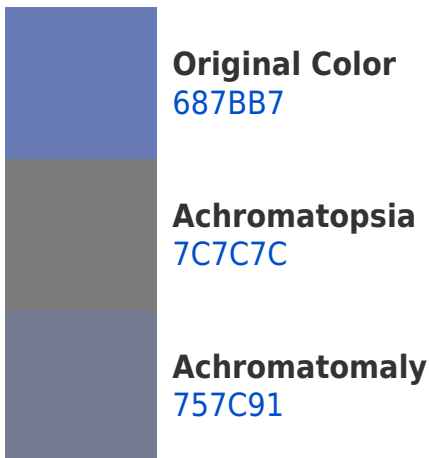


Tritanopia
5D838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 687BB7 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 #687BB7 looks like.

```
.text, #text, p{  
    color:#687BB7  
}
```

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 #687BB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687BB7
}
```

Border

The CSS property to change the border of an element to Hex 687BB7 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
#687BB7 }
```

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

```
.border{ border-color:#687BB7 }
```

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

Here you see how a box with a 4 pixel #687BB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687BB7; -webkit-box-shadow:4px 4px  
4px 4px #687BB7; box-shadow:4px 4px 4px  
4px #687BB7 }
```

Background

The CSS property to change the background color of an element to Hex 687BB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687BB7 }
```

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

```
.background{ background-color:#687BB7 }
```

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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