

Converting Colors

Hex(687CC9)

Have a look what the booklet for
Hex(687CC9) contains.

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Color

Hex(687CC9)

Conversions

Conversions Part 1

Format	Color
Hex	687CC9
RGB	104, 124, 201
RGB Percent	41%, 49%, 79%
CMY	0.5922, 0.5137, 0.2118
CMYK	0.48, 0.38, 0.00, 0.21
HSL	228°, 47%, 60%
HSV	228°, 48%, 79%
XYZ	23.4592, 21.5754, 58.1864
YIQ	126.7980, -36.6370, 19.7070

Conversions

Conversions Part 2

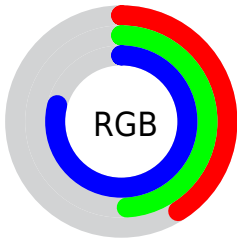
Format	Color
RYB	104, 121, 201
Decimal	6847689
CIELab	53.57, 13.75, -42.35
CIELCh	54, 44.522, 287.991
Yxy	21.5754, 0.2273, 0.2090
Android (android.graphics.Color)	4285037769 (0xFF687CC9)
YUV	126.7980, 36.5816, -19.9938
Hunter-Lab	46.4493, 8.8649, -41.7572

Details

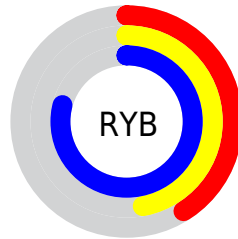
The Hex color **687CC9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C9B568**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A0B0FF**, and **2F4C92** is the 20% darker color. If you saturate the color by 10%, you get **546CC9**, and if you desaturate by 10%, it is **7C8CC9**.

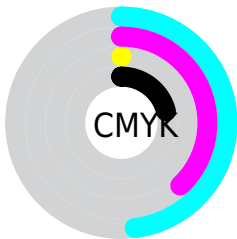
Distribution



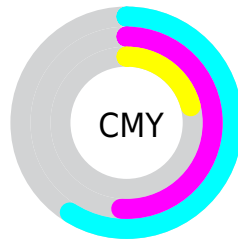
- Red (41%)
- Green (49%)
- Blue (79%)



- Red (41%)
- Yellow (47%)
- Blue (79%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687CC9 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 687CC9 by changing the saturation by 10% instead.

■ 687CC9

■ 687CC9

FFFFFF

■ 4C63AD

■ A0B0FF

■ 2F4C92

■ BCCCCF

■ 053578

■ D9E8FF

■ 00215F

■ F6FFFF

■ 000A47

■ 000430

■ 00011A

■ 000000

■ 687CC9

■ 687CC9

■ 546CC9

■ 7C8CC9

■ 405CC9

■ 909CC9

■ 2C4CC9

■ A4ACC9

■ 183CC9

■ B8BCC9

■ 042CC9

■ CDCCC9

■ 0029C9

■ E1DCC9

■ F5ECC9

■ FFFCC9

■ FFFFC9

Harmonies

Analogous

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



0089CB



687CC9



A06DB4

Triad

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



687CC9



BD6A48



00926F

Complementary

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



687CC9



C9B568

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.



538E4B



687CC9



A37933

Square

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



687CC9



C8606A



7F8533



009396

Rectangle

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



687CC9



B7649E



7F8533



269162

Sweetspot

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



687CC9



DBE3FF



68C9B4



6A6E80



000000



808080

Same Dimension

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



687CC9



6B8AFF



8368C9



5A5C63



0022A3



000724

Inverse Universe

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



C9687C



FF6B8A



AEC968



635A5C



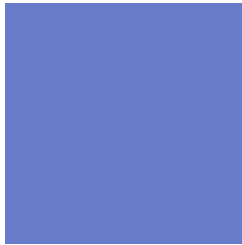
A30022



240007

Previews

White Background



This preview shows how the Hex color 687CC9 looks on a white background.

Color Contrast Check

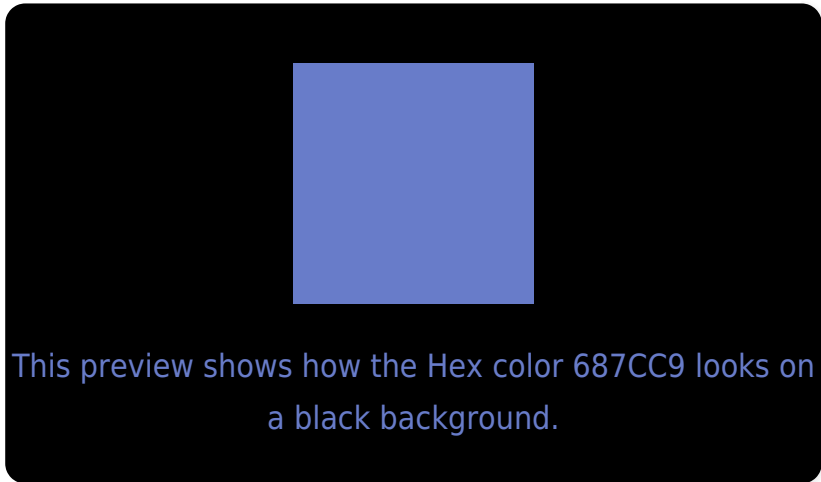
Large Text (above 18pt) WCAG AA ✓ Pass

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 687CC9 Background



This preview shows how black text looks on a background with the Hex color 687CC9.

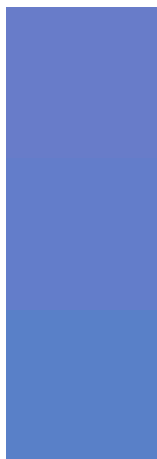


This preview shows how white text looks on a background with the Hex color 687CC9.

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
687CC9

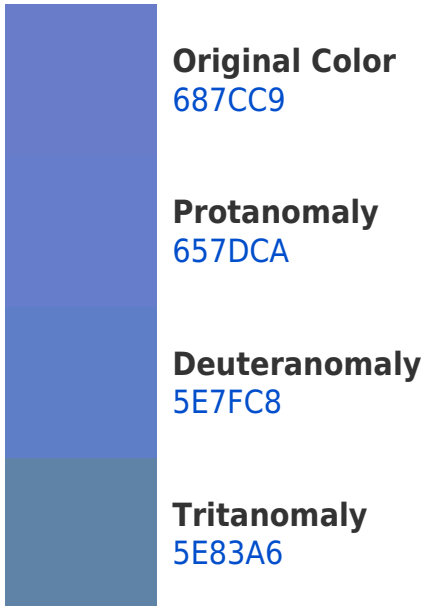
Protanopia
637DCA

Deuteranopia
5980C8



Tritanopia
588792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 687CC9 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 #687CC9 looks like.

```
.text, #text, p{  
    color:#687CC9  
}
```

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 #687CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687CC9
}
```

Border

The CSS property to change the border of an element to Hex 687CC9 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
#687CC9 }
```

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

```
.border{ border-color:#687CC9 }
```

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

Here you see how a box with a 4 pixel #687CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687CC9; -webkit-box-shadow:4px 4px  
4px 4px #687CC9; box-shadow:4px 4px 4px  
4px #687CC9 }
```

Background

The CSS property to change the background color of an element to Hex 687CC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687CC9 }
```

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

```
.background{ background-color:#687CC9 }
```

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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