

Converting Colors

Hex(687AC4)

Have a look what the booklet for
Hex(687AC4) contains.

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Color

Hex(687AC4)

Conversions

Conversions Part 1

Format	Color
Hex	687AC4
RGB	104, 122, 196
RGB Percent	41%, 48%, 77%
CMY	0.5922, 0.5216, 0.2314
CMYK	0.47, 0.38, 0.00, 0.23
HSL	228°, 44%, 59%
HSV	228°, 47%, 77%
XYZ	22.6323, 20.8476, 55.0557
YIQ	125.0540, -34.4820, 19.1980

Conversions

Conversions Part 2

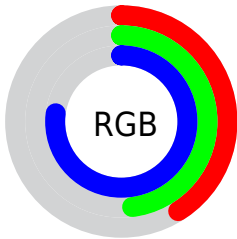
Format	Color
R_{YB}	104, 119, 196
Decimal	6847172
CIE _{Lab}	52.78, 13.43, -40.74
CIE _{LCh}	53, 42.902, 288.246
Yxy	20.8476, 0.2297, 0.2116
Android (android.graphics.Color)	4285037252 (0xFF687AC4)
YUV	125.0540, 34.9764, -18.4644
Hunter-Lab	45.6592, 8.5748, -39.5302

Details

The Hex color **687AC4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C4B268**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9FAEFD**, and **304A8E** is the 20% darker color. If you saturate the color by 10%, you get **546AC4**, and if you desaturate by 10%, it is **7C8AC4**.

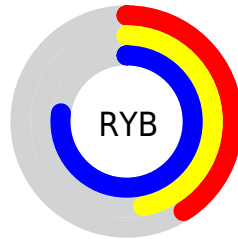
Distribution



Red (41%)

Green (48%)

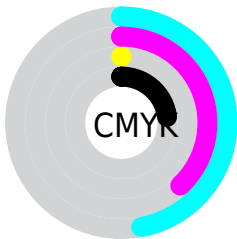
Blue (77%)



Red (41%)

Yellow (47%)

Blue (77%)

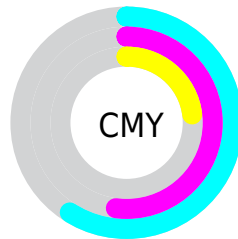


Cyan (47%)

Magenta (38%)

Yellow (0%)

Black (23%)



Cyan (59%)

Magenta (52%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687AC4 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 687AC4 by changing the saturation by 10% instead.

■ 687AC4

■ 687AC4

FFFFFF

■ 4D61A9

■ 9FAEFD

■ 304A8E

■ BCC9FF

■ 0A3474

■ D8E6FF

■ 001F5B

■ F6FFFF

■ 000743

■ 00032C

■ 000116

■ 000000

■ 687AC4

■ 687AC4

■ 546AC4

■ 7C8AC4

■ 415AC4

■ 8F9AC4

■ 2D4BC4

■ A3A9C4

■ 1A3BC4

■ B6B9C4

■ 062BC4

■ CAC9C4

■ 0026C4

■ DED9C4

■ F1E8C4

■ FFF8C4

■ FFFFC4

Harmonies

Analogous

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



0086C6



687AC4



9D6BAF

Triad

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



687AC4



B86948



00906E

Complementary

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



687AC4



C4B268

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.



538B4B



687AC4



A07734

Square

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



687AC4



C35F69



7D8334



009094

Rectangle

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



687AC4



B3639A



7D8334



298F61

Sweetspot

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



687AC4



DBE2FF



68C4B2



6A6E80



000000



808080

Same Dimension

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



687AC4



708CFF



8468C4



575961



001FA1



000621

Inverse Universe

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



C4687A



FF708C



A8C468



615759



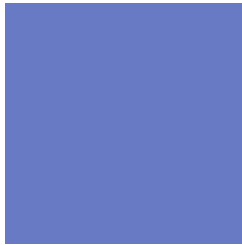
A1001F



210006

Previews

White Background



This preview shows how the Hex color 687AC4 looks on a white background.

Color Contrast Check

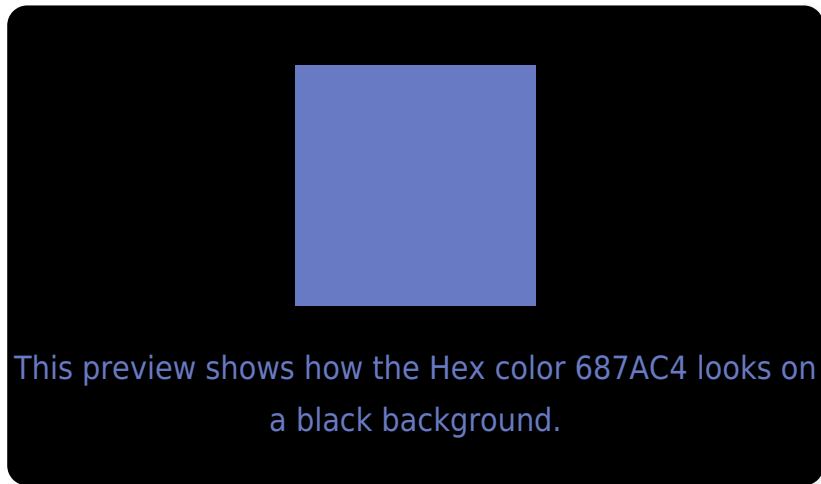
Large Text (above 18pt) WCAG AA ✓ Pass

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

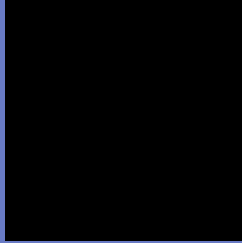
Any Text WCAG AA ✓ Pass

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 687AC4 Background



This preview shows how black text looks on a background with the Hex color 687AC4.

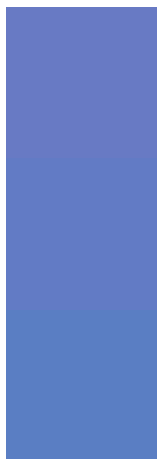


This preview shows how white text looks on a background with the Hex color 687AC4.

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
687AC4

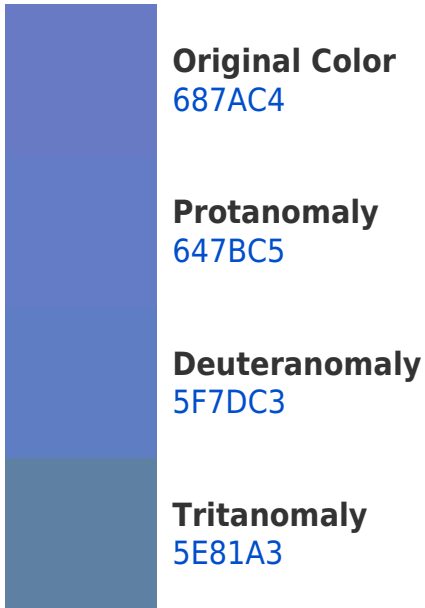
Protanopia
627BC5

Deuteranopia
5A7EC3

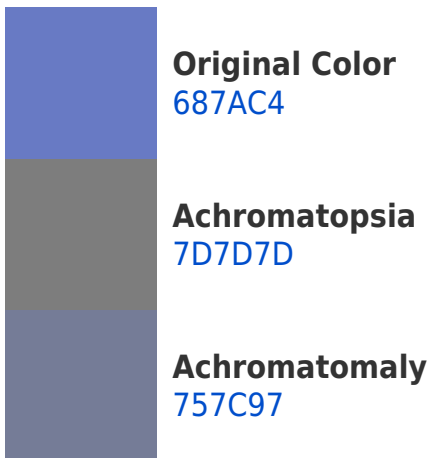


Tritanopia
598590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 687AC4 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 #687AC4 looks like.

```
.text, #text, p{  
    color:#687AC4  
}
```

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 #687AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687AC4
}
```

Border

The CSS property to change the border of an element to Hex 687AC4 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".

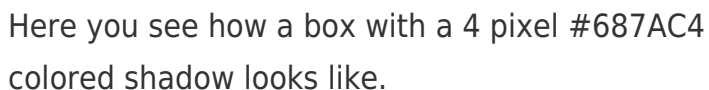
```
.border, #border, table{ border:4px solid
#687AC4 }
```

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

```
.border{ border-color:#687AC4 }
```

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

Here you see how a box with a 4 pixel #687AC4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687AC4; -webkit-box-shadow:4px 4px  
4px 4px #687AC4; box-shadow:4px 4px 4px  
4px #687AC4 }
```

Background

The CSS property to change the background color of an element to Hex 687AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687AC4 }
```

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

```
.background{ background-color:#687AC4 }
```

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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