

Converting Colors

Hex(674DB3)

Have a look what the booklet for
Hex(674DB3) contains.

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Color

Hex(674DB3)

Conversions

Conversions Part 1

Format	Color
Hex	674DB3
RGB	103, 77, 179
RGB Percent	40%, 30%, 70%
CMY	0.5961, 0.6980, 0.2980
CMYK	0.42, 0.57, 0.00, 0.30
HSL	255°, 40%, 50%
HSV	255°, 57%, 70%
XYZ	16.3841, 11.4460, 43.9936
YIQ	96.4020, -17.2460, 37.2340

Conversions

Conversions Part 2

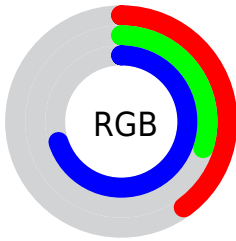
Format	Color
R _Y B	103, 77, 179
Decimal	6770099
CIE Lab	40.32, 35.50, -50.75
CIE LCh	40, 61.935, 304.975
Yxy	11.4460, 0.2281, 0.1594
Android (android.graphics.Color)	4284960179 (0xFF674DB3)
YUV	96.4020, 40.7208, 5.7864
Hunter-Lab	33.8319, 27.2379, -53.4158

Details

The Hex color **674DB3** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **99B34D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9E7FEB**, and **2F1F7D** is the 20% darker color. If you saturate the color by 10%, you get **5A3BB3**, and if you desaturate by 10%, it is **745FB3**.

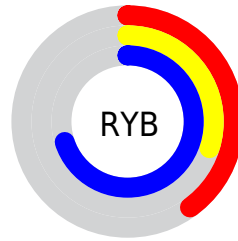
Distribution



Red (40%)

Green (30%)

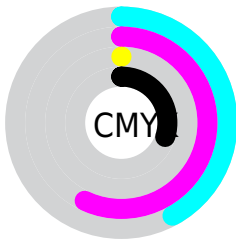
Blue (70%)



Red (40%)

Yellow (30%)

Blue (70%)

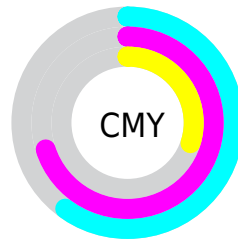


Cyan (42%)

Magenta (57%)

Yellow (0%)

Black (30%)



Cyan (60%)

Magenta (70%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 674DB3 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 674DB3 by changing the saturation by 10% instead.

674DB3

674DB3

FFFFFF

4C3598

9E7FEB

2F1F7D

BB99FF

0B0964

D8B4FF

00004B

F5D0FF

000433

FFECFF

00021D

000000

674DB3

674DB3

5A3BB3

745FB3

■ 4C29B3

■ 8271B3

■ 3F17B3

■ 8F83B3

■ 3205B3

■ 9C95B3

■ 2E00B3

■ AAA7B3

■ B7B8B3

■ C4CAB3

■ D2DCB3

■ DFEEB3

Harmonies

Analogous

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



0063C5



674DB3



A12F8B

Triad

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



674DB3



954C00



007566

Complementary

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



674DB3



99B34D

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.



007231



674DB3



6C6000

Square

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



674DB3



AF3028



366C00



007498

Rectangle

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



674DB3



B21E6A



366C00



007455

Sweetspot

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



674DB3



CBC1E8



4D9AB3



645E75



F5F5F5



757575

Same Dimension

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



674DB3



724AE8



9A4DB3



535059



270099



06001A

Inverse Universe

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



B34D99



E84AC0



66B34D



595057



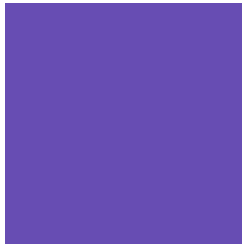
990072



1A0013

Previews

White Background



This preview shows how the Hex color 674DB3 looks on a white background.

Color Contrast Check

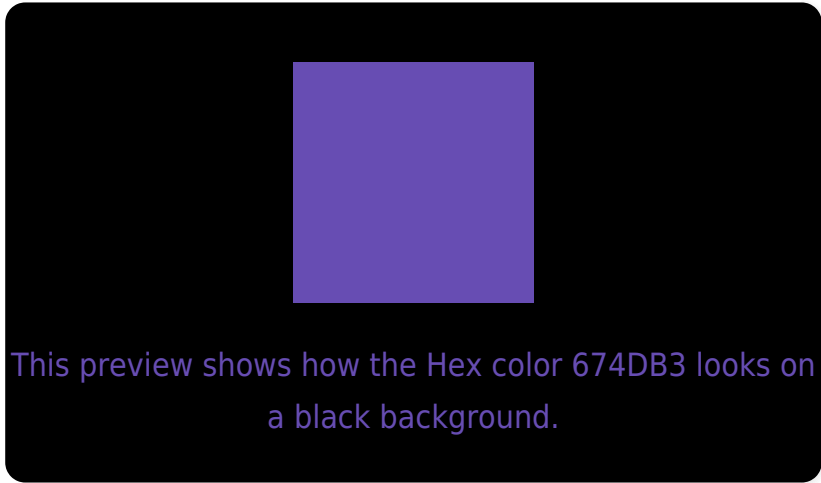
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 674DB3 Background



This preview shows how black text looks on a background with the Hex color 674DB3.

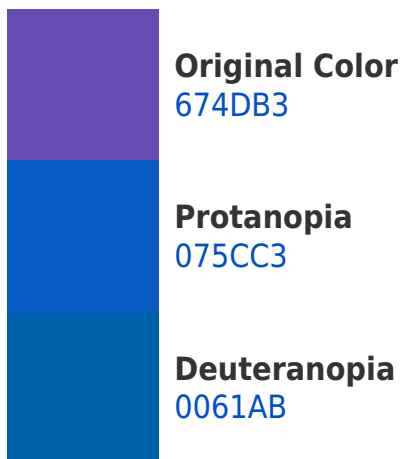


This preview shows how white text looks on a background with the Hex color 674DB3.

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](#).

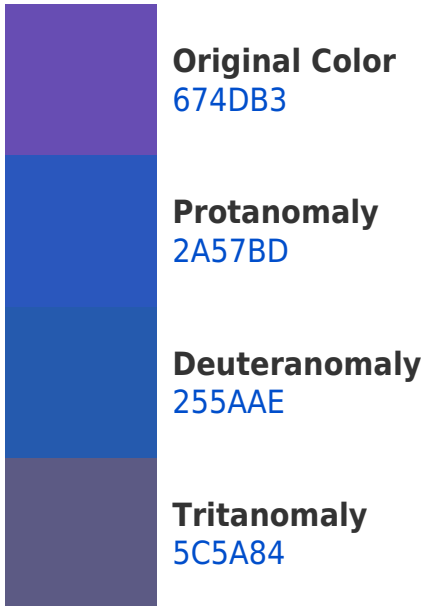
Dichromacy



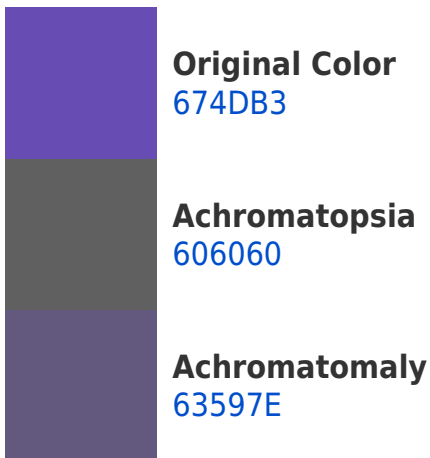


Tritanopia
556169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 674DB3 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 #674DB3 looks like.

```
.text, #text, p{  
    color:#674DB3  
}
```

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 #674DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674DB3
}
```

Border

The CSS property to change the border of an element to Hex 674DB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

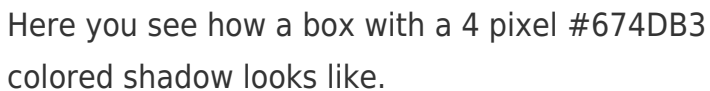
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674DB3 }
```

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

```
.border{ border-color:#674DB3 }
```

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



Here you see how a box with a 4 pixel #674DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674DB3; -webkit-box-shadow:4px 4px  
4px 4px #674DB3; box-shadow:4px 4px 4px  
4px #674DB3 }
```

Background

The CSS property to change the background color of an element to Hex 674DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674DB3 }
```

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

```
.background{ background-color:#674DB3 }
```

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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