

Converting Colors

Hex(674CD4)

Have a look what the booklet for
Hex(674CD4) contains.

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Color

Hex(674CD4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 674CD4 |
| RGB | 103, 76, 212 |
| RGB Percent | 40%, 30%, 83% |
| CMY | 0.5961, 0.7020, 0.1686 |
| CMYK | 0.51, 0.64, 0.00, 0.17 |
| HSL | 252°, 61%, 56% |
| HSV | 252°, 64%, 83% |
| XYZ | 20.0616, 12.8059, 63.7018 |
| YIQ | 99.5770, -27.5640, 48.0200 |

Conversions

Conversions Part 2

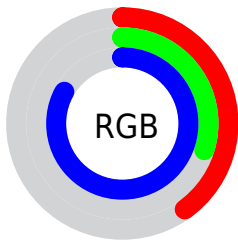
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 103, 76, 212 |
| Decimal | 6769876 |
| CIE Lab | 42.47, 45.68, -66.46 |
| CIE LCh | 42, 80.647, 304.499 |
| Yxy | 12.8059, 0.2077, 0.1326 |
| Android (android.graphics.Color) | 4284959956 (0xFF674CD4) |
| YUV | 99.5770, 55.4245, 3.0020 |
| Hunter-Lab | 35.7854, 37.4445, -80.4928 |

Details

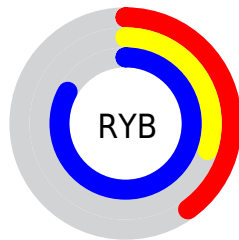
The Hex color **674CD4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B9D44C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A27EFF**, and **251D9C** is the 20% darker color. If you saturate the color by 10%, you get **5637D4**, and if you desaturate by 10%, it is **7861D4**.

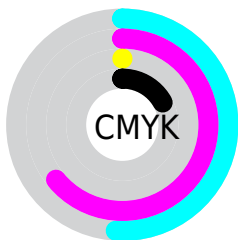
Distribution



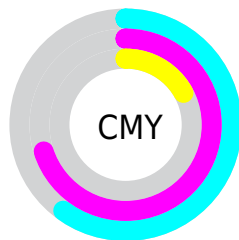
- Red (40%)
- Green (30%)
- Blue (83%)



- Red (40%)
- Yellow (30%)
- Blue (83%)



- Cyan (51%)
- Magenta (64%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (70%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 674CD4 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 674CD4 by changing the saturation by 10% instead.

674CD4

674CD4

FFFFFF

4834B8

A27EFF

251D9C

BF99FF

000481

DDB4FF

000067

FBD0FF

00004E

FFECFF

000536

000220

000004

000000

674CD4

674CD4

5637D4

7861D4

4522D4

8976D4

340CD4

9A8CD4

2A00D4

ABA1D4

BCB6D4

CDCBD4

DEE0D4

EFF6D4

FFFFD4

Harmonies

Analogous

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



006BEC



674CD4



B8069F

Triad

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



674CD4



A74900



007E6D

Complementary

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



674CD4



B9D44C

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.



007B24



674CD4



726500

Square

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



674CD4



CA0A1C



247400



007FAF

Rectangle

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



674CD4



CE0074



247400



007E56

Sweetspot

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



674CD4



D8CFFF



4CBBD4



686280



000000



808080

Same Dimension

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



674CD4



623BFF



A94CD4



63606B



2200AB



09002B

Inverse Universe

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



D44CB9



FF3BD8



77D44C



6B6069



AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 674CD4 looks on a white background.

Color Contrast Check

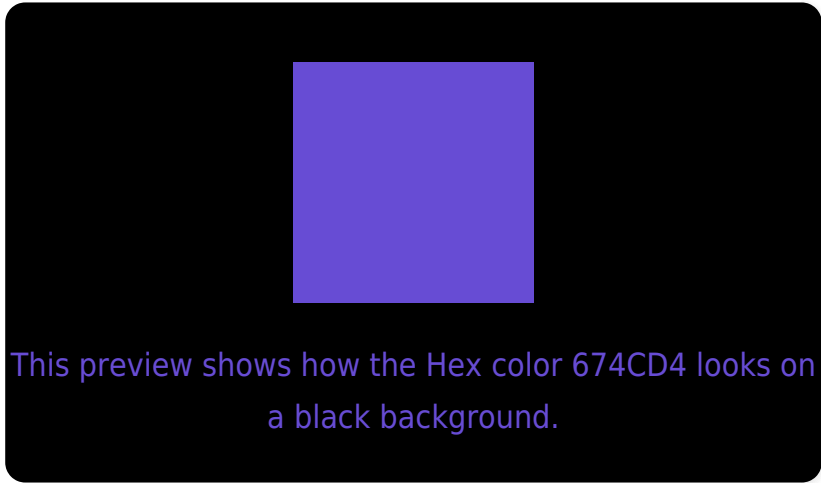
Large Text (above 18pt) WCAG AA ✓ Pass

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

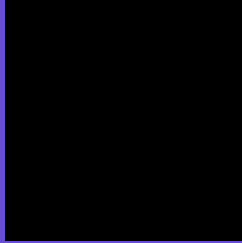
Any Text WCAG AA × Fail

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 674CD4 Background



This preview shows how black text looks on a background with the Hex color 674CD4.

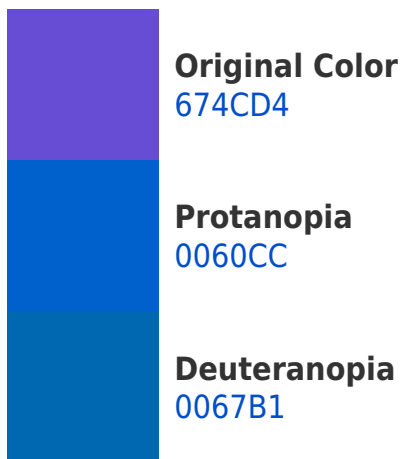



This preview shows how white text looks on a background with the Hex color 674CD4.

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](#).

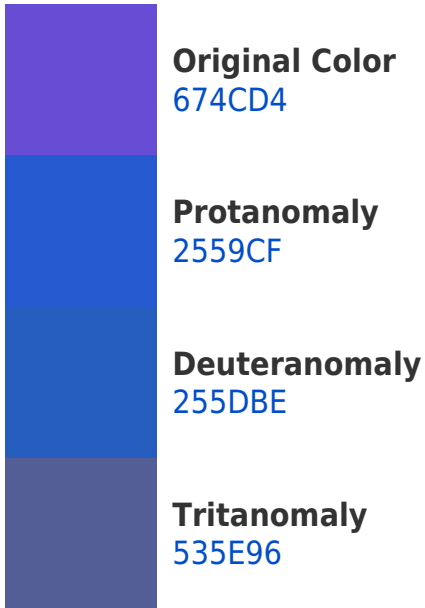
Dichromacy



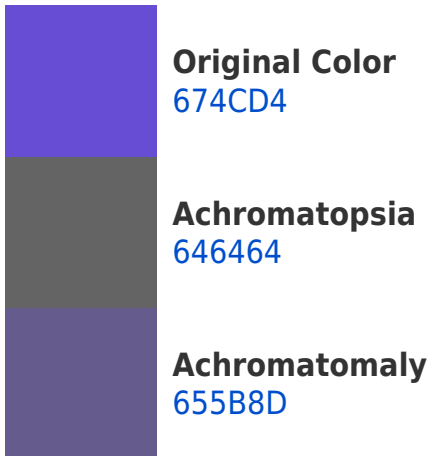


Tritanopia
486972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 674CD4 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 #674CD4 looks like.

```
.text, #text, p{  
    color:#674CD4  
}
```

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 #674CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674CD4
}
```

Border

The CSS property to change the border of an element to Hex 674CD4 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
#674CD4 }
```

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

```
.border{ border-color:#674CD4 }
```

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

Here you see how a box with a 4 pixel #674CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674CD4; -webkit-box-shadow:4px 4px  
4px 4px #674CD4; box-shadow:4px 4px 4px  
4px #674CD4 }
```

Background

The CSS property to change the background color of an element to Hex 674CD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674CD4 }
```

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

```
.background{ background-color:#674CD4 }
```

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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