

Converting Colors

Hex(674CE5)

Have a look what the booklet for
Hex(674CE5) contains.

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Color

Hex(674CE5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 674CE5 |
| RGB | 103, 76, 229 |
| RGB Percent | 40%, 30%, 90% |
| CMY | 0.5961, 0.7020, 0.1020 |
| CMYK | 0.55, 0.67, 0.00, 0.10 |
| HSL | 251°, 75%, 60% |
| HSV | 251°, 67%, 90% |
| XYZ | 22.3208, 13.7096, 75.5985 |
| YIQ | 101.5150, -33.0210, 53.3070 |

Conversions

Conversions Part 2

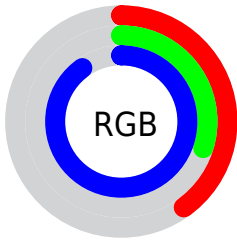
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 103, 76, 229 |
| Decimal | 6769893 |
| CIE _{Lab} | 43.81, 50.66, -73.97 |
| CIE _{LCh} | 44, 89.658, 304.407 |
| Yxy | 13.7096, 0.2000, 0.1228 |
| Android (android.graphics.Color) | 4284959973 (0xFF674CE5) |
| YUV | 101.5150, 62.8501, 1.3023 |
| Hunter-Lab | 37.0265, 42.8096, -95.1364 |

Details

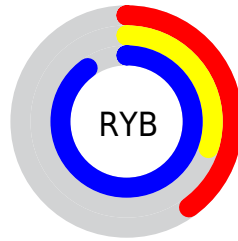
The Hex color **674CE5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **CAE54C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A47FFF**, and **1C1CAC** is the 20% darker color. If you saturate the color by 10%, you get **5435E5**, and if you desaturate by 10%, it is **7A63E5**.

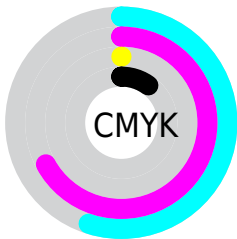
Distribution



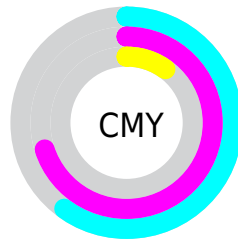
- Red (40%)
- Green (30%)
- Blue (90%)



- Red (40%)
- Yellow (30%)
- Blue (90%)



- Cyan (55%)
- Magenta (67%)
- Yellow (0%)
- Black (10%)



- Cyan (60%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 674CE5 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 674CE5 by changing the saturation by 10% instead.

674CE5

674CE5

FFFFFF

4634C8

A47FFF

1C1CAC

C299FF

000291

E1B5FF

000076

FFD1FF

00005D

FFEDFF

000744

00032D

000117

000000

 674CE5

 674CE5

 5435E5

 7A63E5

 411EE5

 8D7AE5

 2E07E5

 A091E5

 2800E5

 B2A8E5

 C5BEE5

 D8D5E5

 EBCE5

 FEFFE5

 FFFFE5

Harmonies

Analogous

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



0070FF



674CE5



C400A9

Triad

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



674CE5



B04800



008471

Complementary

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



674CE5



CAE54C

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.



00811E



674CE5



756900

Square

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



674CE5



D70016



157900



0084BB

Rectangle

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



674CE5



DD0079



157900



008357

Sweetspot

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



674CE5



D5CCFF



4CCBE5



666180



000000



808080

Same Dimension

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



674CE5



5733FF



B24CE5



696773



1F00B3



090033

Inverse Universe

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



E54CCA



FF33DB



7FE54C



736771



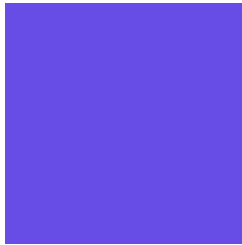
B30093



33002A

Previews

White Background



This preview shows how the Hex color 674CE5 looks on a white background.

Color Contrast Check

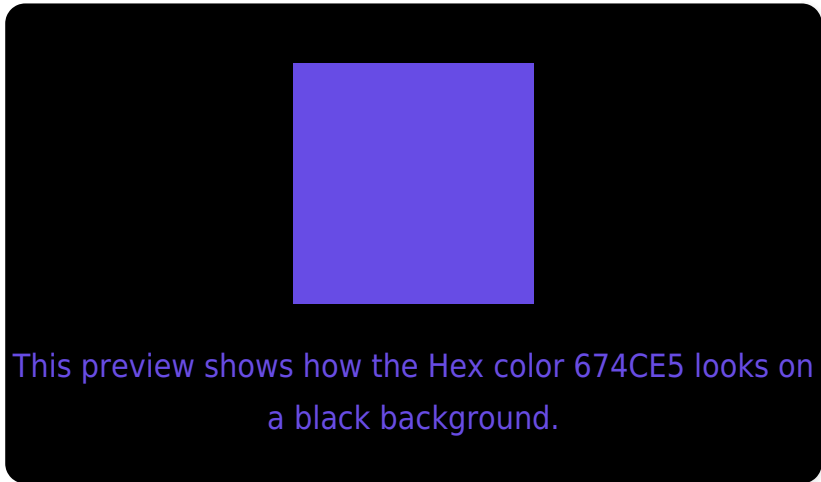
Large Text (above 18pt) WCAG AA ✓ Pass

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

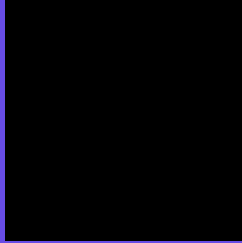
Any Text WCAG AA × Fail

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 674CE5 Background



This preview shows how black text looks on a background with the Hex color 674CE5.

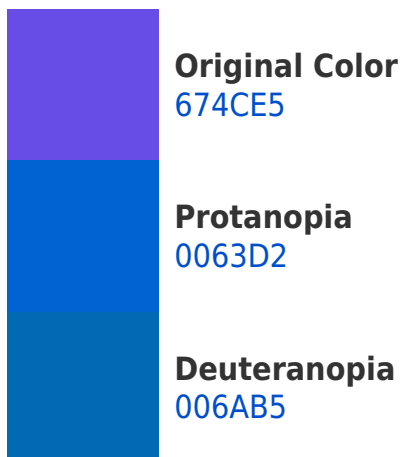


This preview shows how white text looks on a background with the Hex color 674CE5.

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](#).

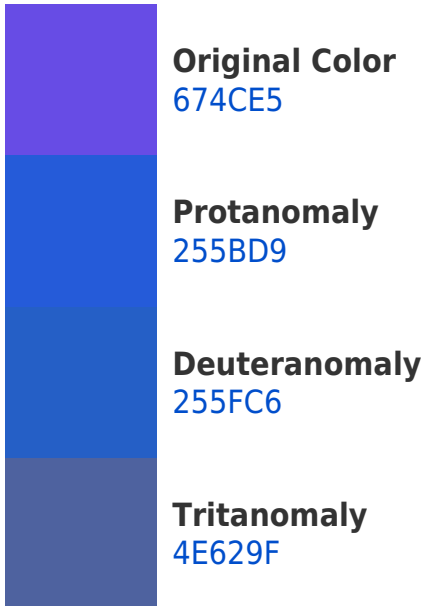
Dichromacy





Tritanopia
406E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 674CE5 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 #674CE5 looks like.

```
.text, #text, p{  
    color:#674CE5  
}
```

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 #674CE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674CE5
}
```

Border

The CSS property to change the border of an element to Hex 674CE5 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
#674CE5 }
```

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

```
.border{ border-color:#674CE5 }
```

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

Here you see how a box with a 4 pixel #674CE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674CE5; -webkit-box-shadow:4px 4px  
4px 4px #674CE5; box-shadow:4px 4px 4px  
4px #674CE5 }
```

Background

The CSS property to change the background color of an element to Hex 674CE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674CE5 }
```

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

```
.background{ background-color:#674CE5 }
```

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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