

Converting Colors

Hex(5674DC)

Have a look what the booklet for
Hex(5674DC) contains.

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Color

Hex(5674DC)

Conversions

Conversions Part 1

Format	Color
Hex	5674DC
RGB	86, 116, 220
RGB Percent	34%, 45%, 86%
CMY	0.6627, 0.5451, 0.1373
CMYK	0.61, 0.47, 0.00, 0.14
HSL	227°, 66%, 60%
HSV	227°, 61%, 86%
XYZ	23.0014, 19.6365, 70.2881
YIQ	118.8860, -51.2640, 25.9840

Conversions

Conversions Part 2

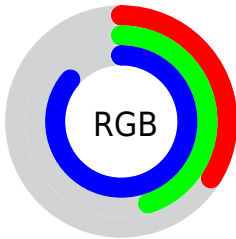
Format	Color
R _Y B	86, 111, 220
Decimal	5666012
CIE Lab	51.42, 20.96, -56.60
CIE LCh	51, 60.360, 290.324
Yxy	19.6365, 0.2037, 0.1739
Android (android.graphics.Color)	4283856092 (0xFF5674DC)
YUV	118.8860, 49.8492, -28.8410
Hunter-Lab	44.3131, 15.1052, -63.0247

Details

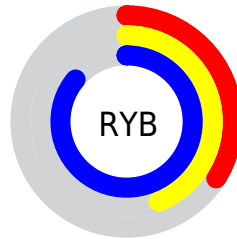
The Hex color **5674DC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **DCBE56**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **92A8FF**, and **0045A4** is the 20% darker color. If you saturate the color by 10%, you get **4063DC**, and if you desaturate by 10%, it is **6C85DC**.

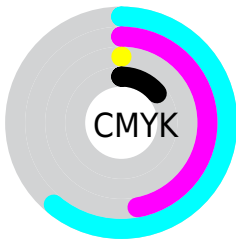
Distribution



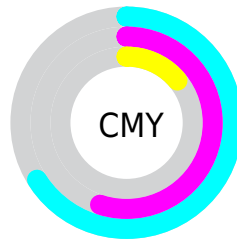
- Red (34%)
- Green (45%)
- Blue (86%)



- Red (34%)
- Yellow (44%)
- Blue (86%)



- Cyan (61%)
- Magenta (47%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (55%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5674DC 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 5674DC by changing the saturation by 10% instead.

■ 5674DC

■ 5674DC

FFFFFF

■ 345CC0

■ 92A8FF

■ 0045A4

■ B0C3FF

■ 002F89

■ CDDFFF

■ 001B6F

■ EBF8FF

■ 000156

■ 00063E

■ 000327

■ 000111

■ 000000

■ 5674DC

■ 5674DC

■ 4063DC

■ 6C85DC

■ 2A52DC

■ 8296DC

■ 1441DC

■ 98A7DC

■ 0031DC

■ AEB8DC

■ C4C9DC

■ DADADC

■ F0ECDC

■ FFFDDC

■ FFFFDC

Harmonies

Analogous

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



0085E1



5674DC



A85CBD

Triad

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



5674DC



C45C2B



009167

Complementary

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



5674DC



DCBE56

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.



2C8C33



5674DC



A17200

Square

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



5674DC



D6485A



728200



00929D

Rectangle

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



5674DC



C54D9E



728200



009056

Sweetspot

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



5674DC



D1DBFF



56DCBD



636A80



000000



808080

Same Dimension

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



5674DC



456FFF



7A56DC



63656E



0027AD



000A2E

Inverse Universe

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



DC5674



FF456F



B8DC56



6E6365



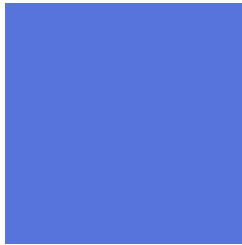
AD0027



2E000A

Previews

White Background



This preview shows how the Hex color 5674DC looks on a white background.

Color Contrast Check

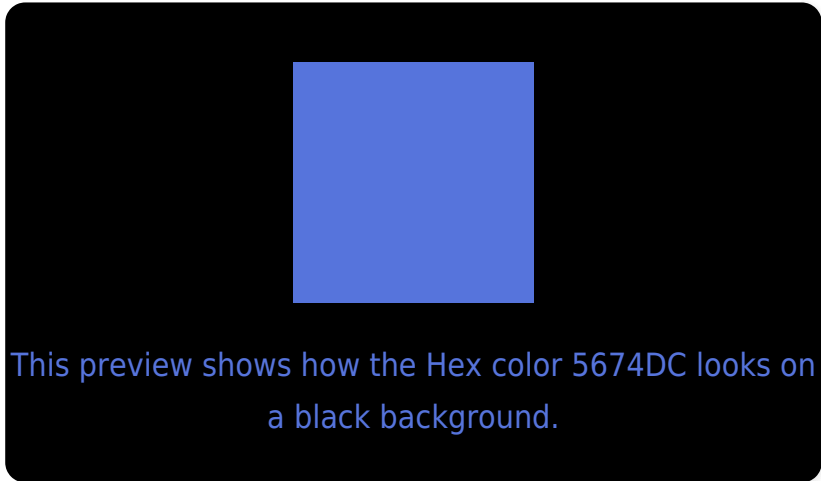
Large Text (above 18pt) WCAG AA ✓ Pass

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

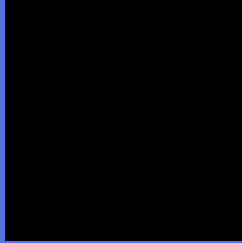
Any Text WCAG AA ✓ Pass

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 5674DC Background



This preview shows how black text looks on a background with the Hex color 5674DC.

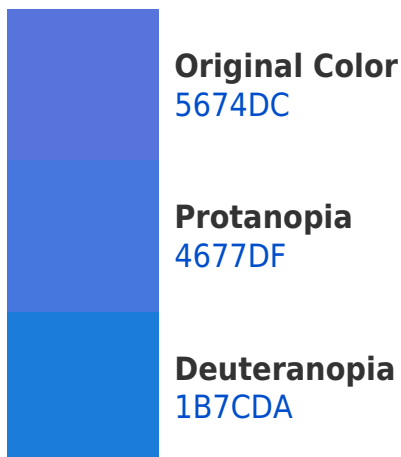


This preview shows how white text looks on a background with the Hex color 5674DC.

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](#).

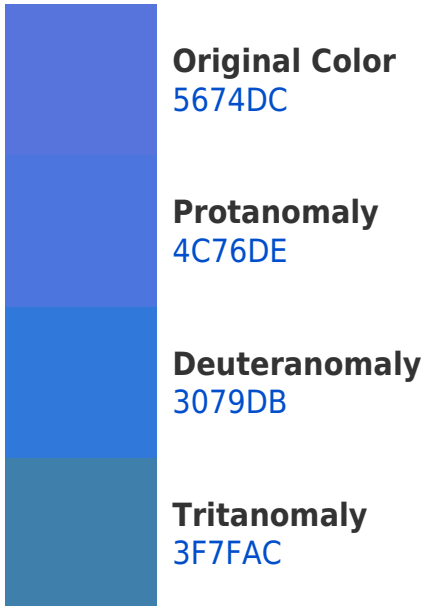
Dichromacy





Tritanopia
328690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5674DC 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 #5674DC looks like.

```
.text, #text, p{  
    color:#5674DC  
}
```

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 #5674DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5674DC
}
```

Border

The CSS property to change the border of an element to Hex 5674DC 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
#5674DC }
```

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

```
.border{ border-color:#5674DC }
```

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

Here you see how a box with a 4 pixel #5674DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5674DC; -webkit-box-shadow:4px 4px  
4px 4px #5674DC; box-shadow:4px 4px 4px  
4px #5674DC }
```

Background

The CSS property to change the background color of an element to Hex 5674DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5674DC }
```

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

```
.background{ background-color:#5674DC }
```

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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