

Converting Colors

Decimal(4673990)

Have a look what the booklet for
Decimal(4673990) contains.

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Color

Decimal(4673990)

Conversions

Conversions Part 1

Format	Color
Hex	4751C6
RGB	71, 81, 198
RGB Percent	28%, 32%, 78%
CMY	0.7216, 0.6824, 0.2235
CMYK	0.64, 0.59, 0.00, 0.22
HSL	235°, 53%, 53%
HSV	235°, 64%, 78%
XYZ	15.7340, 11.3017, 54.7782
YIQ	91.3480, -43.5170, 34.2670

Conversions

Conversions Part 2

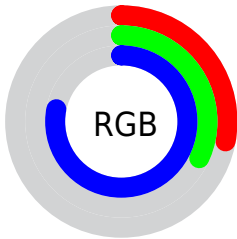
Format	Color
R _Y B	71, 80, 198
Decimal	4673990
CIE Lab	40.08, 32.80, -62.37
CIE LCh	40, 70.468, 297.738
Yxy	11.3017, 0.1923, 0.1381
Android (android.graphics.Color)	4282864070 (0xFF4751C6)
YUV	91.3480, 52.5794, -17.8452
Hunter-Lab	33.6180, 24.7108, -73.0766

Details

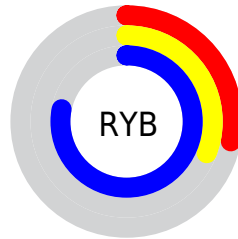
The Decimal color **4673990** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **13024327**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8684287**, and **9615** is the 20% darker color. If you saturate the color by 10%, you get **3358662**, and if you desaturate by 10%, it is **5989318**.

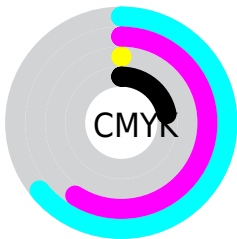
Distribution



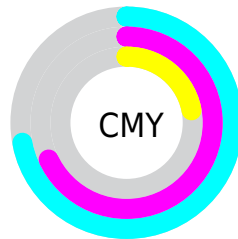
- Red (28%)
- Green (32%)
- Blue (78%)



- Red (28%)
- Yellow (31%)
- Blue (78%)



- Cyan (64%)
- Magenta (59%)
- Yellow (0%)
- Black (22%)



- Cyan (72%)
- Magenta (68%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4673990 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 Decimal color 4673990 by changing the saturation by 10% instead.

■ 4673990

■ 4673990

16777215

■ 2177706

■ 8684287

■ 9615

■ 10657023

■ 4469

■ 12564479

■ 91

■ 14537727

■ 1859

■ 16510975

■ 812

■ 278

■ 0

■ 4673990

■ 4673990

■ 3358662

■ 5989318

■ 2043334

■ 7304646

■ 793286

■ 8554694

■ 4294

■ 9870022

■ 11185350

■ 12500678

■ 13816262

■ 15066054

■ 16381382

Harmonies

Analogous

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



26835



4673990



10300317

Triad

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



4673990



10633216



30296

Complementary

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



4673990



13024327

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.



29208



4673990



7887616

Square

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



4673990



12325421



4090368



30355

Rectangle

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



4673990



11927673



4090368



30020

Sweetspot

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



4673990



13619967



4703931



6448256



0



8421504

Same Dimension

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



4673990



3885823



8144838



5921379



3491



804

Inverse Universe

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



12994385



16726858



9553479



6511194



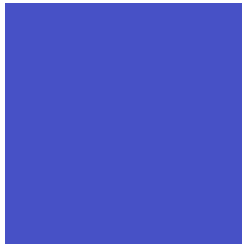
10682381



2359299

Previews

White Background



This preview shows how the Decimal color 4673990 looks on a white background.

Color Contrast Check

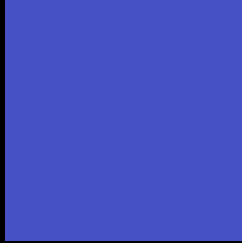
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 4673990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

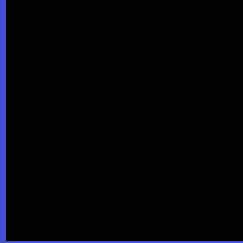
Any Text WCAG AA × Fail

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](#).

Decimal 4673990 Background



This preview shows how black text looks on a background with the Decimal color 4673990.




This preview shows how white text looks on a background with the Decimal color 4673990.

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](#).

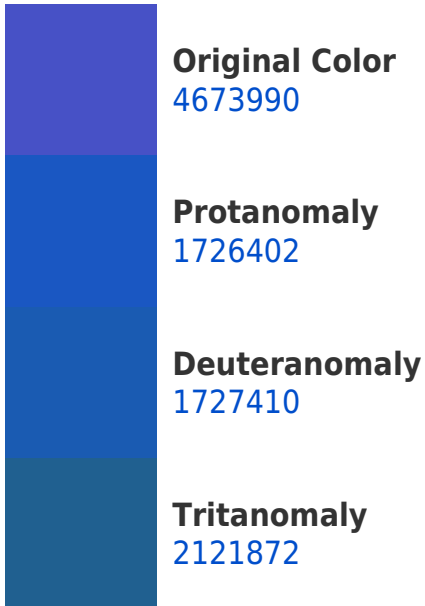
Dichromacy





Tritanopia
616561

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4673990 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 #4751C6 looks like.

```
.text, #text, p{  
    color:#4751C6  
}
```

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 #4751C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4751C6
}
```

Border

The CSS property to change the border of an element to Decimal 4673990 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
#4751C6 }
```

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

```
.border{ border-color:#4751C6 }
```

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

Here you see how a box with a 4 pixel #4751C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4751C6; -webkit-box-shadow:4px 4px  
4px 4px #4751C6; box-shadow:4px 4px 4px  
4px #4751C6 }
```

Background

The CSS property to change the background color of an element to Decimal 4673990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4751C6 }
```

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

```
.background{ background-color:#4751C6 }
```

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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