

Converting Colors

Decimal(4672678)

Have a look what the booklet for
Decimal(4672678) contains.

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Color

Decimal(4672678)

Conversions

Conversions Part 1

Format	Color
Hex	474CA6
RGB	71, 76, 166
RGB Percent	28%, 30%, 65%
CMY	0.7216, 0.7020, 0.3490
CMYK	0.57, 0.54, 0.00, 0.35
HSL	237°, 40%, 46%
HSV	237°, 57%, 65%
XYZ	12.0659, 9.2616, 37.2281
YIQ	84.7650, -31.8700, 26.9300

Conversions

Conversions Part 2

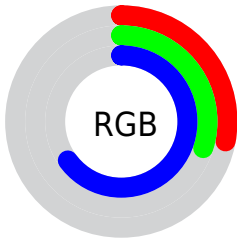
Format	Color
R_{YB}	71, 76, 166
Decimal	4672678
CIE _{Lab}	36.48, 25.07, -49.36
CIE _{LCh}	36, 55.365, 296.925
Yxy	9.2616, 0.2061, 0.1582
Android (android.graphics.Color)	4282862758 (0xFF474CA6)
YUV	84.7650, 40.0489, -12.0719
Hunter-Lab	30.4330, 17.5131, -51.2254

Details

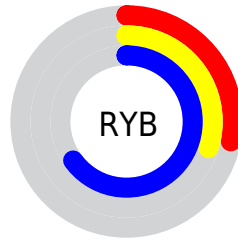
The Decimal color **4672678** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10920263**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8355294**, and **8305** is the 20% darker color. If you saturate the color by 10%, you get **3554470**, and if you desaturate by 10%, it is **5790886**.

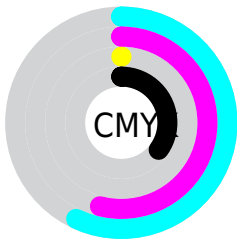
Distribution



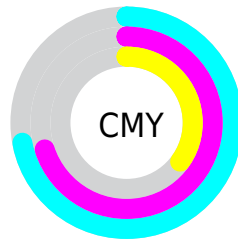
- Red (28%)
- Green (30%)
- Blue (65%)



- Red (28%)
- Yellow (30%)
- Blue (65%)



- Cyan (57%)
- Magenta (54%)
- Yellow (0%)
- Black (35%)



- Cyan (72%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4672678 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 4672678 by changing the saturation by 10% instead.

■ 4672678

■ 4672678

16777215

■ 2700683

■ 8355294

■ 8305

■ 10196987

■ 3416

■ 12104191

■ 64

■ 14011903

■ 809

■ 15919615

■ 275

■ 0

■ 4672678

■ 4672678

■ 3554470

■ 5790886

■ 2502054

■ 6843302

■ 1383846

■ 7961510

■ 331174

■ 9014182

■ 2470

■ 10132390

■ 11250342

■ 12303014

■ 13421222

■ 14473894

Harmonies

Analogous

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



23984



4672678



8795271

Triad

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



4672678



9256706



26960

Complementary

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



4672678



10920263

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.



26145



4672678



7164416

Square

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



4672678



10561585



4284160



27005

Rectangle

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



4672678



10101867



4284160



26688

Sweetspot

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



4672678



11843289



4695712



5790062



15592941



7237230

Same Dimension

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



4672678



4410329



7358374



5000276



2196



276

Inverse Universe

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



10897228



14238539



8234567



5524556



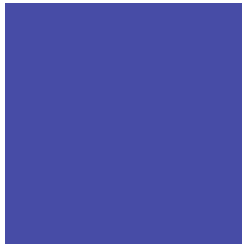
9699336



1310721

Previews

White Background



This preview shows how the Decimal color 4672678 looks on a white background.

Color Contrast Check

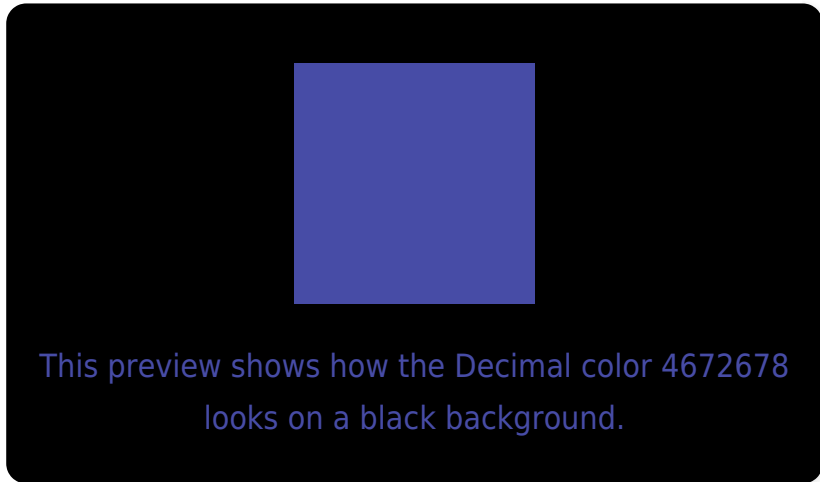
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4672678 Background



This preview shows how black text looks on a background with the Decimal color 4672678.



This preview shows how white text looks on a background with the Decimal color 4672678.

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



Original Color
4672678

Protanopia
1332141

Deuteranopia
22425



Tritanopia
2973028

Trichromacy



Original Color
4672678

Protanomaly
2576554

Deuteranomaly
1725342

Tritanomaly
3561340

Monochromacy



Original Color
4672678

Achromatopsia
5592405

Achromatomaly
5263986

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4672678 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 #474CA6 looks like.

```
.text, #text, p{  
    color:#474CA6  
}
```

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 #474CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474CA6
}
```

Border

The CSS property to change the border of an element to Decimal 4672678 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
#474CA6 }
```

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

```
.border{ border-color:#474CA6 }
```

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

Here you see how a box with a 4 pixel #474CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474CA6; -webkit-box-shadow:4px 4px  
4px 4px #474CA6; box-shadow:4px 4px 4px  
4px #474CA6 }
```

Background

The CSS property to change the background color of an element to Decimal 4672678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474CA6 }
```

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

```
.background{ background-color:#474CA6 }
```

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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