

Converting Colors

Decimal(4672440)

Have a look what the booklet for
Decimal(4672440) contains.

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Color

Decimal(4672440)

Conversions

Conversions Part 1

Format	Color
Hex	474BB8
RGB	71, 75, 184
RGB Percent	28%, 29%, 72%
CMY	0.7216, 0.7059, 0.2784
CMYK	0.61, 0.59, 0.00, 0.28
HSL	238°, 44%, 50%
HSV	238°, 61%, 72%
XYZ	13.7663, 9.8324, 46.5197
YIQ	86.2300, -37.3730, 33.0510

Conversions

Conversions Part 2

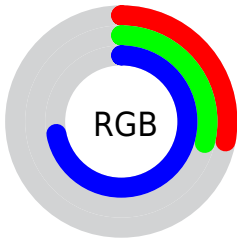
Format	Color
RYB	71, 75, 184
Decimal	4672440
CIELab	37.54, 31.81, -58.32
CIELCh	38, 66.432, 298.605
Yxy	9.8324, 0.1963, 0.1402
Android (android.graphics.Color)	4282862520 (0xFF474BB8)
YUV	86.2300, 48.2006, -13.3567
Hunter-Lab	31.3567, 23.4914, -66.0108

Details

The Decimal color **4672440** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **12104775**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **8551665**, and **8066** is the 20% darker color. If you saturate the color by 10%, you get **3488184**, and if you desaturate by 10%, it is **5856696**.

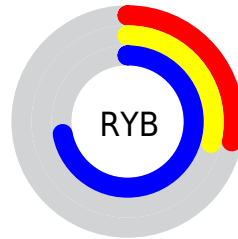
Distribution



Red (28%)

Green (29%)

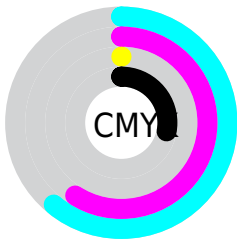
Blue (72%)



Red (28%)

Yellow (29%)

Blue (72%)

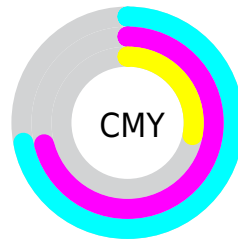


Cyan (61%)

Magenta (59%)

Yellow (0%)

Black (28%)



Cyan (72%)

Magenta (71%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4672440 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 4672440 by changing the saturation by 10% instead.

■ 4672440

■ 4672440

16777215

■ 2438301

■ 8551665

■ 8066

■ 10458879

■ 3176

■ 12366335

■ 79

■ 14339327

■ 1335

■ 16247039

■ 545

■ 6

■ 0

■ 4672440

■ 4672440

■ 3488184

■ 5856696

■ 2238648

■ 7106232

■ 1054392

■ 8290488

■ 1976

■ 9540280

■ 10724536

■ 11908536

■ 13158328

■ 14342584

■ 15592376

Harmonies

Analogous

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



25029



4672440



9709713

Triad

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



4672440



9846016



28244

Complementary

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



4672440



12104775

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.



27417



4672440



7296512

Square

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



4672440



11474217



3761152



28555

Rectangle

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



4672440



11207023



3761152



27969

Sweetspot

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



4672440



12961520



4700338



6119032



16250871



7895160

Same Dimension

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



4672440



4081136



8013752



5460828



1692



284

Inverse Universe

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



12076875



15744581



8763463



6050643



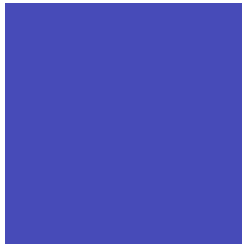
10223622



1835009

Previews

White Background



This preview shows how the Decimal color 4672440 looks on a white background.

Color Contrast Check

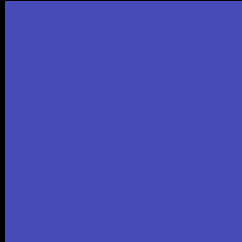
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 4672440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

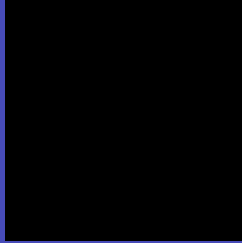
Any Text WCAG AA × Fail

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 4672440 Background



This preview shows how black text looks on a background with the Decimal color 4672440.

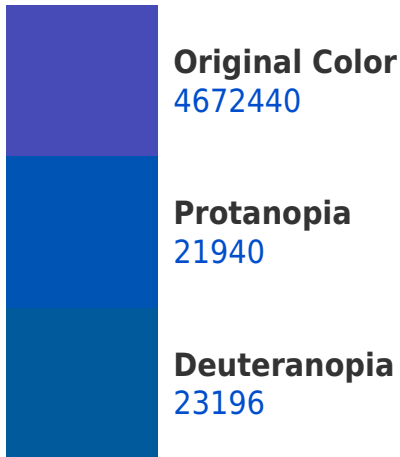


This preview shows how white text looks on a background with the Decimal color 4672440.

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
1991017

Trichromacy



Original Color
4672440

Protanomaly
1724853

Deuteranomaly
1725862

Tritanomaly
2972038

Monochromacy



Original Color
4672440

Achromatopsia
5658198

Achromatomaly
5329530

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4672440 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 #474BB8 looks like.

```
.text, #text, p{  
    color:#474BB8  
}
```

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 #474BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474BB8
}
```

Border

The CSS property to change the border of an element to Decimal 4672440 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
#474BB8 }
```

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

```
.border{ border-color:#474BB8 }
```

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

Here you see how a box with a 4 pixel #474BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474BB8; -webkit-box-shadow:4px 4px  
4px 4px #474BB8; box-shadow:4px 4px 4px  
4px #474BB8 }
```

Background

The CSS property to change the background color of an element to Decimal 4672440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474BB8 }
```

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

```
.background{ background-color:#474BB8 }
```

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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