

Converting Colors

Decimal(4869569)

Have a look what the booklet for
Decimal(4869569) contains.

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Color

Decimal(4869569)

Conversions

Conversions Part 1

Format	Color
Hex	4A4DC1
RGB	74, 77, 193
RGB Percent	29%, 30%, 76%
CMY	0.7098, 0.6980, 0.2431
CMYK	0.62, 0.60, 0.00, 0.24
HSL	238°, 49%, 52%
HSV	238°, 62%, 76%
XYZ	15.1036, 10.6139, 51.7047
YIQ	89.3270, -39.0240, 35.4400

Conversions

Conversions Part 2

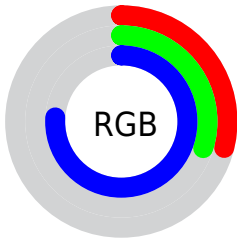
Format	Color
R _Y B	74, 77, 193
Decimal	4869569
CIE Lab	38.92, 34.09, -61.34
CIE LCh	39, 70.176, 299.061
Yxy	10.6139, 0.1951, 0.1371
Android (android.graphics.Color)	4283059649 (0xFF4A4DC1)
YUV	89.3270, 51.1108, -13.4418
Hunter-Lab	32.5789, 25.7393, -71.2916

Details

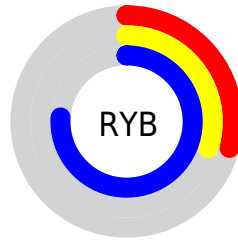
The Decimal color **4869569** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **12697162**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **8814330**, and **8586** is the 20% darker color. If you saturate the color by 10%, you get **3619521**, and if you desaturate by 10%, it is **6119617**.

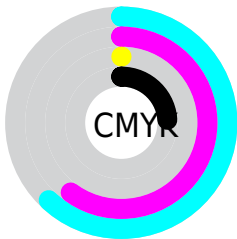
Distribution



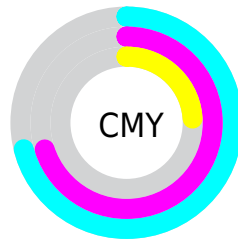
- Red (29%)
- Green (30%)
- Blue (76%)



- Red (29%)
- Yellow (30%)
- Blue (76%)



- Cyan (62%)
- Magenta (60%)
- Yellow (0%)
- Black (24%)



- Cyan (71%)
- Magenta (70%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4869569 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 4869569 by changing the saturation by 10% instead.



4869569



4869569

16777215



2569893



8814330



8586



10721535



3440



12694527



87



14602239



1599



16575487



808



273



0



4869569



4869569

■ 3619521

■ 6119617

■ 2303937

■ 7435201

■ 1054145

■ 8684993

■ 1473

■ 9935041

■ 11250625

■ 12500673

■ 13750721

■ 15000769

■ 16316097

Harmonies

Analogous

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



25808



4869569



10233239

Triad

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



4869569



10239744



29272

Complementary

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



4869569



12697162

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.



28441



4869569



7493888

Square

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



4869569



11997224



3696640



29586

Rectangle

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



4869569



11796595



3696640



29252

Sweetspot

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



4869569



13487866



4899261



6382205



16579836



8224125

Same Dimension

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



4869569



4278010



8538817



5724001



1185



289

Inverse Universe

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



12667469



16400710



9027914



6379351



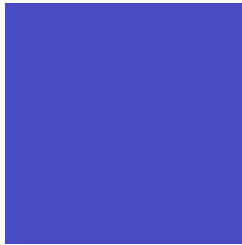
10551300



2162689

Previews

White Background



This preview shows how the Decimal color 4869569 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 4869569 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 4869569 Background



This preview shows how black text looks on a background with the Decimal color 4869569.

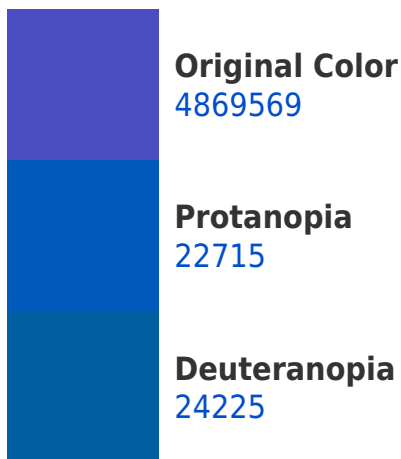


This preview shows how white text looks on a background with the Decimal color 4869569.

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



Trichromacy



Original Color
4869569

Protanomaly
1791165

Deuteranomaly
1792173

Tritanomaly
3038348

Monochromacy



Original Color
4869569

Achromatopsia
5855577

Achromatomaly
5526911

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4869569 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 #4A4DC1 looks like.

```
.text, #text, p{  
    color:#4A4DC1  
}
```

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 #4A4DC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4DC1
}
```

Border

The CSS property to change the border of an element to Decimal 4869569 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
#4A4DC1 }
```

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

```
.border{ border-color:#4A4DC1 }
```

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

Here you see how a box with a 4 pixel #4A4DC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4DC1; -webkit-box-shadow:4px 4px  
4px 4px #4A4DC1; box-shadow:4px 4px 4px  
4px #4A4DC1 }
```

Background

The CSS property to change the background color of an element to Decimal 4869569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4DC1 }
```

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

```
.background{ background-color:#4A4DC1 }
```

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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