

Converting Colors

Decimal(8418762)

Have a look what the booklet for
Decimal(8418762) contains.

Decimal(8418762)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8418762)

Conversions

Conversions Part 1

Format	Color
Hex	8075CA
RGB	128, 117, 202
RGB Percent	50%, 46%, 79%
CMY	0.4980, 0.5412, 0.2078
CMYK	0.37, 0.42, 0.00, 0.21
HSL	248°, 45%, 63%
HSV	248°, 42%, 79%
XYZ	25.9240, 21.5760, 58.6754
YIQ	129.9790, -20.7290, 28.7670

Conversions

Conversions Part 2

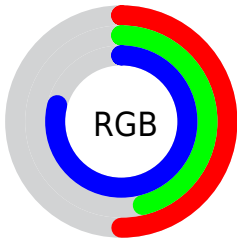
Format	Color
R _Y B	128, 117, 202
Decimal	8418762
CIE Lab	53.57, 24.37, -42.80
CIE LCh	54, 49.249, 299.658
Yxy	21.5760, 0.2442, 0.2032
Android (android.graphics.Color)	4286608842 (0xFF8075CA)
YUV	129.9790, 35.5064, -1.7356
Hunter-Lab	46.4500, 18.3344, -42.3797

Details

The Decimal color **8418762** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **12569205**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **12036607**, and **4867475** is the 20% darker color. If you saturate the color by 10%, you get **7233994**, and if you desaturate by 10%, it is **9603530**.

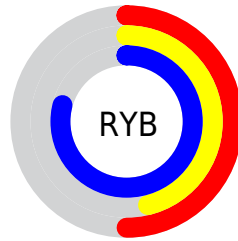
Distribution



Red (50%)

Green (46%)

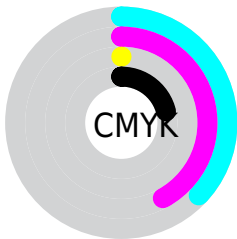
Blue (79%)



Red (50%)

Yellow (46%)

Blue (79%)

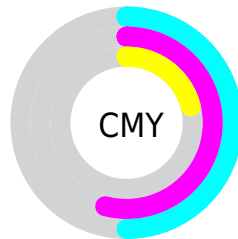


Cyan (37%)

Magenta (42%)

Yellow (0%)

Black (21%)



Cyan (50%)

Magenta (54%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8418762 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 8418762 by changing the saturation by 10% instead.



8418762



8418762

16777215



6642862



12036607



4867475



13944063



3092089



15851775



989536



16776703



584



1072



283



0



8418762



8418762

■ 7233994

■ 9603530

■ 6114762

■ 10722762

■ 4929738

■ 11907786

■ 3810506

■ 13027018

■ 2625738

■ 14211786

■ 1704138

■ 15396554

■ 16515018

■ 16777162

Harmonies

Analogous

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



493013



8418762



11756716

Triad

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



8418762



12086838



38270

Complementary

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



8418762



12569205

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.



3248467



8418762



9928229

Square

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



8418762



13393496



7178801



38057

Rectangle

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



8418762



12999569



7178801



37999

Sweetspot

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



8418762



14868223



7717066



7236480



0



8421504

Same Dimension

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



8418762



9470207



11105738



6118502



1376422



327718

Inverse Universe

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



13268415



16744687



9882229



6708325



10879120



2490401

Previews

White Background



This preview shows how the Decimal color 8418762 looks on a white background.

Color Contrast Check

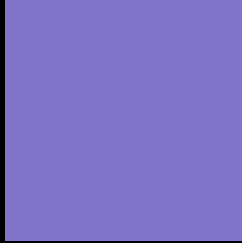
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 8418762 looks on a 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](#).

Decimal 8418762 Background



This preview shows how black text looks on a background with the Decimal color 8418762.



This preview shows how white text looks on a background with the Decimal color 8418762.

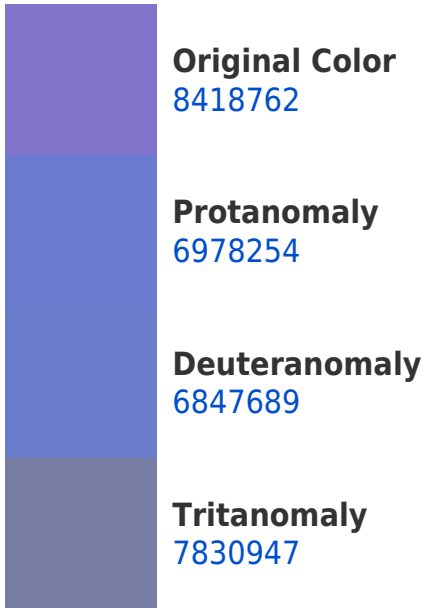
Color Blindness Simulation

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](#).

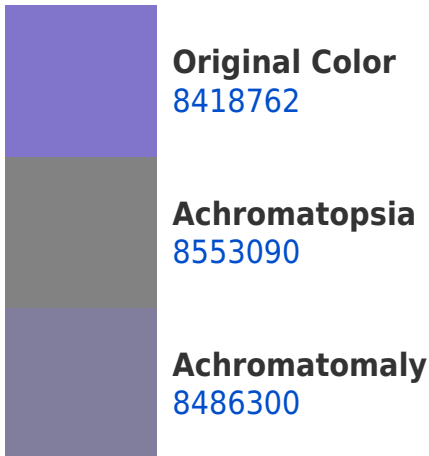
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8418762 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 #8075CA looks like.

```
.text, #text, p{  
  color:#8075CA  
}
```

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 #8075CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8075CA
}
```

Border

The CSS property to change the border of an element to Decimal 8418762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

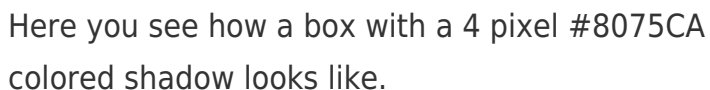
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8075CA }
```

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

```
.border{ border-color:#8075CA }
```

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



Here you see how a box with a 4 pixel #8075CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8075CA; -webkit-box-shadow:4px 4px  
4px 4px #8075CA; box-shadow:4px 4px 4px  
4px #8075CA }
```

Background

The CSS property to change the background color of an element to Decimal 8418762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8075CA }
```

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

```
.background{ background-color:#8075CA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor