

# Converting Colors

Decimal(4876482)

Have a look what the booklet for  
Decimal(4876482) contains.

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# Color

**Decimal(4876482)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 4A68C2                      |
| RGB         | 74, 104, 194                |
| RGB Percent | 29%, 41%, 76%               |
| CMY         | 0.7098, 0.5922, 0.2392      |
| CMYK        | 0.62, 0.46, 0.00, 0.24      |
| HSL         | 225°, 50%, 53%              |
| HSV         | 225°, 62%, 76%              |
| XYZ         | 17.5120, 15.2515, 53.0598   |
| YIQ         | 105.2900, -46.7700, 21.6300 |

# Conversions

## Conversions Part 2

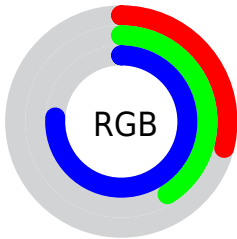
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 74, 98, 194                    |
| Decimal                             | 4876482                        |
| CIELab                              | 45.98, 17.37, -50.53           |
| CIELCh                              | 46, 53.432, 288.973            |
| Yxy                                 | 15.2515, 0.2040,<br>0.1777     |
| Android<br>(android.graphics.Color) | 4283066562<br>(0xFF4A68C2)     |
| YUV                                 | 105.2900, 43.7340,<br>-27.4413 |
| Hunter-Lab                          | 39.0532, 11.6986,<br>-53.2174  |

# Details

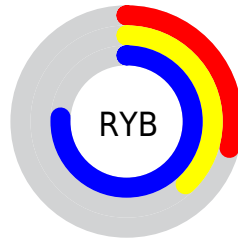
The Decimal color **4876482** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **12756042**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **8756219**, and **14988** is the 20% darker color. If you saturate the color by 10%, you get **3627458**, and if you desaturate by 10%, it is **6125506**.

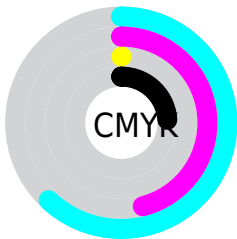
# Distribution



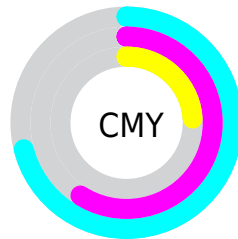
- Red (29%)
- Green (41%)
- Blue (76%)



- Red (29%)
- Yellow (38%)
- Blue (76%)



- Cyan (62%)
- Magenta (46%)
- Yellow (0%)
- Black (24%)



- Cyan (71%)
- Magenta (59%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4876482 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 4876482 by changing the saturation by 10% instead.





4876482



4876482

16777215



2642086



8756219



14988



10663423



9586



12571135



4696



14478847



1856



16449535



809



275



0



4876482



4876482

■ 3627458

■ 6125506

■ 2313154

■ 7439810

■ 1064130

■ 8688834

■ 12738

■ 10003138

■ 11252162

■ 12500930

■ 13815490

■ 15064258

■ 16378818

# Harmonies

## Analogous

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



30661



4876482



9589928

# Triad

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



4876482



11424298



33114

# Complementary

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



4876482



12756042

# 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.



3111982



4876482



9463044

# Square

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



4876482



12403283



6845188



33417

# Rectangle

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



4876482



11290510



6845188



32843



# Sweetspot

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



4876482



13424892



4899492



6449792



0



8421504



# Same Dimension

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



4876482



4354300



6834882



5724769



10401



2081



# Inverse Universe

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



12733032



16532080



10797642



6379354



10551336



2162696



# Previews

## White Background



This preview shows how the Decimal color 4876482 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 4876482 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

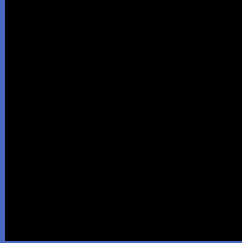
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4876482 Background



This preview shows how black text looks on a background with the Decimal color 4876482.

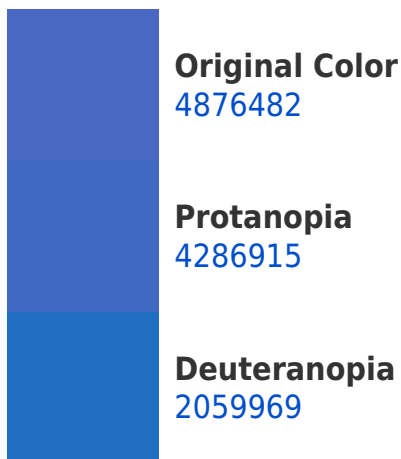



This preview shows how white text looks on a background with the Decimal color 4876482.

# 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](#).

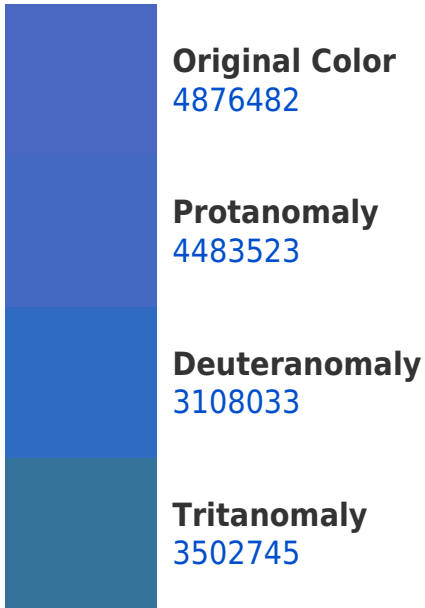
## Dichromacy





**Tritanopia**  
2717569

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4876482 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 #4A68C2 looks like.

```
.text, #text, p{  
    color:#4A68C2  
}
```

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 #4A68C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A68C2
}
```

## Border

The CSS property to change the border of an element to Decimal 4876482 is called "border". The border property can be set on classes, ids or directly on the HTML element.

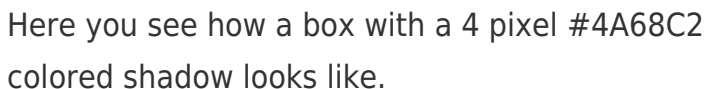
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A68C2 }
```

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

```
.border{ border-color:#4A68C2 }
```

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



Here you see how a box with a 4 pixel #4A68C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A68C2; -webkit-box-shadow:4px 4px  
4px 4px #4A68C2; box-shadow:4px 4px 4px  
4px #4A68C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 4876482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A68C2 }
```

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

```
.background{ background-color:#4A68C2 }
```

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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