

# Converting Colors

Decimal(4803225)

Have a look what the booklet for  
Decimal(4803225) contains.

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# Color

**Decimal(4803225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	494A99
RGB	73, 74, 153
RGB Percent	29%, 29%, 60%
CMY	0.7137, 0.7098, 0.4000
CMYK	0.52, 0.52, 0.00, 0.40
HSL	239°, 35%, 44%
HSV	239°, 52%, 60%
XYZ	10.9462, 8.6139, 31.2227
YIQ	82.7070, -25.9550, 24.3570

# Conversions

## Conversions Part 2

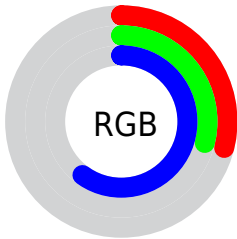
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	73, 74, 153
Decimal	4803225
CIE Lab	35.23, 22.44, -43.56
CIE LCh	35, 49.001, 297.261
Yxy	8.6139, 0.2155, 0.1696
Android (android.graphics.Color)	4282993305 (0xFF494A99)
YUV	82.7070, 34.6544, -8.5130
Hunter-Lab	29.3495, 15.2118, -42.5295

# Details

The Decimal color **4803225** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10065993**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **8354768**, and **597605** is the 20% darker color. If you saturate the color by 10%, you get **3816345**, and if you desaturate by 10%, it is **5790105**.

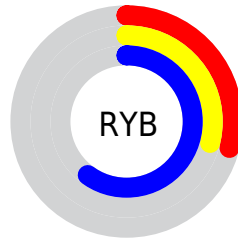
# Distribution



Red (29%)

Green (29%)

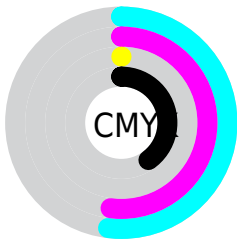
Blue (60%)



Red (29%)

Yellow (29%)

Blue (60%)

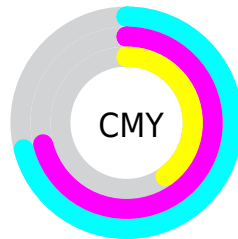


Cyan (52%)

Magenta (52%)

Yellow (0%)

Black (40%)



Cyan (71%)

Magenta (71%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4803225 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 4803225 by changing the saturation by 10% instead.





4803225



4803225

16777215



2962303



8354768



597605



10196204



2381



12038143



821



13880063



543



15788031



2



0



4803225



4803225



3816345



5790105

■ 2763929

■ 6842521

■ 1777049

■ 7829401

■ 790169

■ 8816281

■ 665

■ 9803417

■ 10855833

■ 11842713

■ 12829593

■ 13882009

# Harmonies

## Analogous

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



22946



4803225



8271742

# Triad

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



4803225



8732685



25678

# Complementary

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



4803225



10065993

# 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.



24869



4803225



6836224

# Square

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



4803225



9842226



4348672



25718

# Rectangle

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



4803225



9448293



4348672



25408



# Sweetspot

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



4803225



10987463



4823448



5329251



14935011



6513507



# Same Dimension

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



4803225



4869063



7358873



4539725



652



13



# Inverse Universe

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



10045770



13060683



7510345



5064005



9175042



851968



# Previews

## White Background



This preview shows how the Decimal color 4803225 looks on a white background.

## Color Contrast Check

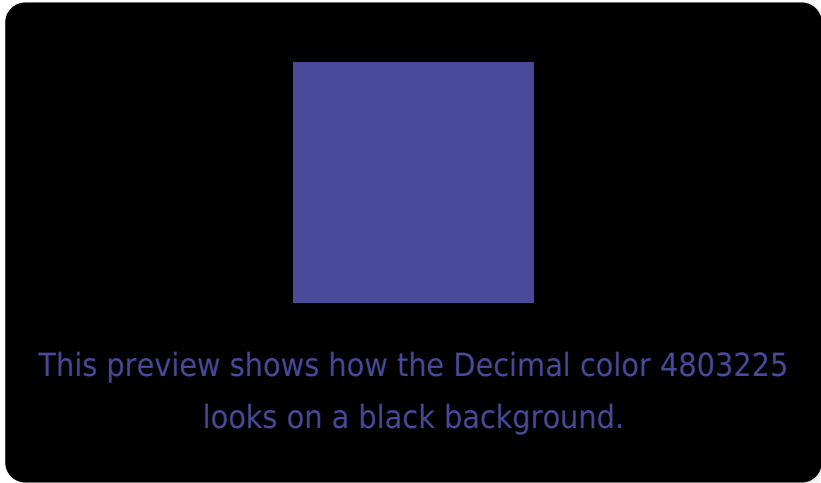
Large Text (above 18pt) WCAG AA ✓ Pass

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

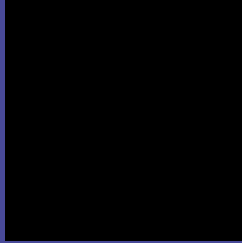
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4803225 Background



This preview shows how black text looks on a background with the Decimal color 4803225.

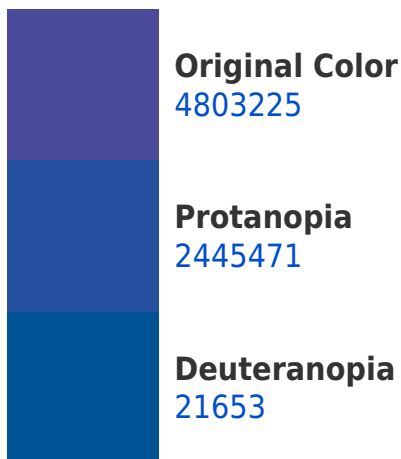



This preview shows how white text looks on a background with the Decimal color 4803225.

# 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](#).

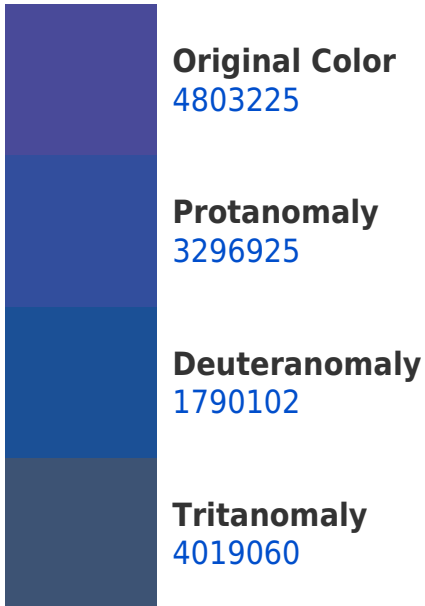
## Dichromacy





**Tritanopia**  
3561567

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4803225 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 #494A99 looks like.

```
.text, #text, p{  
  color:#494A99  
}
```

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 #494A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494A99
}
```

## Border

The CSS property to change the border of an element to Decimal 4803225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

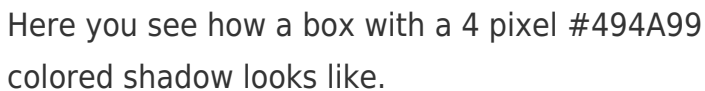
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494A99 }
```

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

```
.border{ border-color:#494A99 }
```

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



Here you see how a box with a 4 pixel #494A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494A99; -webkit-box-shadow:4px 4px  
4px 4px #494A99; box-shadow:4px 4px 4px  
4px #494A99 }
```

# Background

The CSS property to change the background color of an element to Decimal 4803225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494A99 }
```

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

```
.background{ background-color:#494A99 }
```

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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