

# Converting Colors

Decimal(412359)

Have a look what the booklet for  
Decimal(412359) contains.

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# Color

**Decimal(412359)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	064AC7
RGB	6, 74, 199
RGB Percent	2%, 29%, 78%
CMY	0.9765, 0.7098, 0.2196
CMYK	0.97, 0.63, 0.00, 0.22
HSL	219°, 94%, 40%
HSV	219°, 97%, 78%
XYZ	12.8327, 9.0598, 55.1052
YIQ	67.9180, -80.6530, 24.4590

# Conversions

## Conversions Part 2

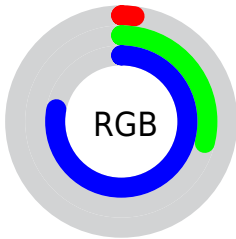
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	6, 56, 199
Decimal	412359
CIE Lab	36.10, 31.94, -69.56
CIE LCh	36, 76.539, 294.664
Yxy	9.0598, 0.1667, 0.1177
Android (android.graphics.Color)	4278602439 (0xFF064AC7)
YUV	67.9180, 64.6234, -54.3021
Hunter-Lab	30.0995, 23.4280, -87.4766

# Details

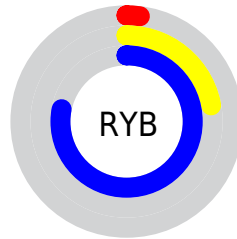
The Decimal color **412359** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **13075206**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **6585087**, and **8336** is the 20% darker color. If you saturate the color by 10%, you get **18119**, and if you desaturate by 10%, it is **1726407**.

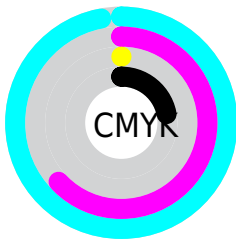
# Distribution



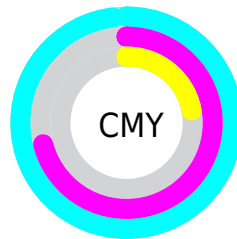
- Red (2%)
- Green (29%)
- Blue (78%)



- Red (2%)
- Yellow (22%)
- Blue (78%)



- Cyan (97%)
- Magenta (63%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (71%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 412359 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 412359 by changing the saturation by 10% instead.



■ 412359                      ■ 412359

16777215                      ■ 13483

■ 6585087                      ■ 8336

■ 8688895                      ■ 3701

■ 10727167                      ■ 604

■ 12765951                      ■ 1859

■ 14739199                      ■ 812

■ 278

■ 0

■ 412359                      ■ 412359

■ 18119

■ 1726407

■ 3040455

■ 4354503

■ 5668551

■ 6982343

■ 8230855

■ 9544903

■ 10858951

■ 12172999

# Harmonies

## Analogous

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



25042



412359



9443485

# Triad

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



412359



10300928



27720

# Complementary

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



412359



13075206

# 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.



26624



412359



7491328

# Square

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



412359



11993127



3563520



28039

# Rectangle

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



412359



11403383



3563520



27442



# Sweetspot

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



412359



11915263



444288



5464960



0



8421504



# Same Dimension

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



412359



23295



2098887



5922147



15011



3364



# Inverse Universe

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



13043274



16711770



11388678



6511197



10682426



2359309



# Previews

## White Background



This preview shows how the Decimal color 412359 looks on a white background.

### Color Contrast Check

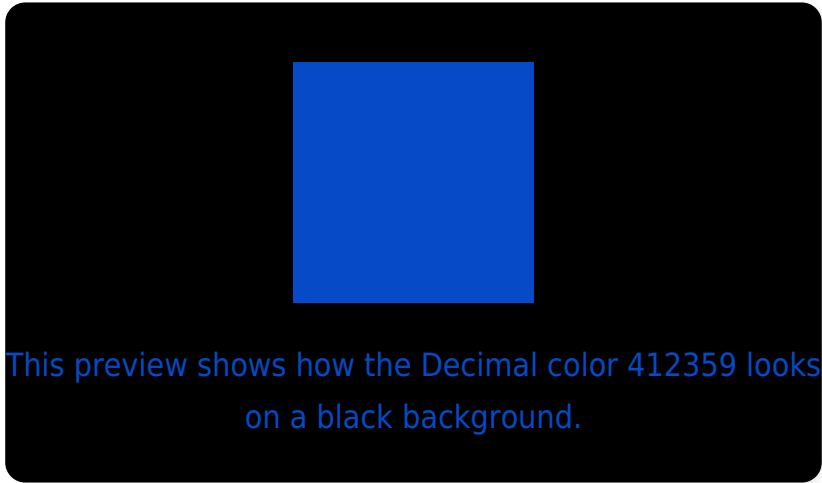
Large Text (above 18pt) WCAG AA ✓ Pass

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 412359 Background



This preview shows how black text looks on a background with the Decimal color 412359.

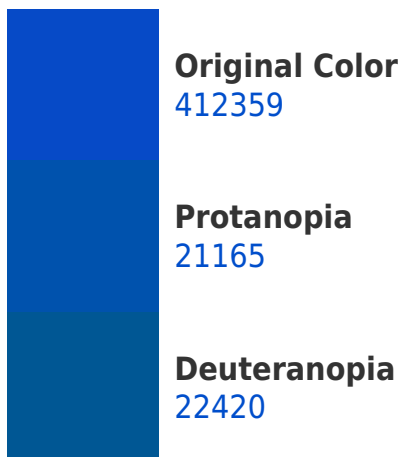


This preview shows how white text looks on a background with the Decimal color 412359.

# Color Blindness Simulation

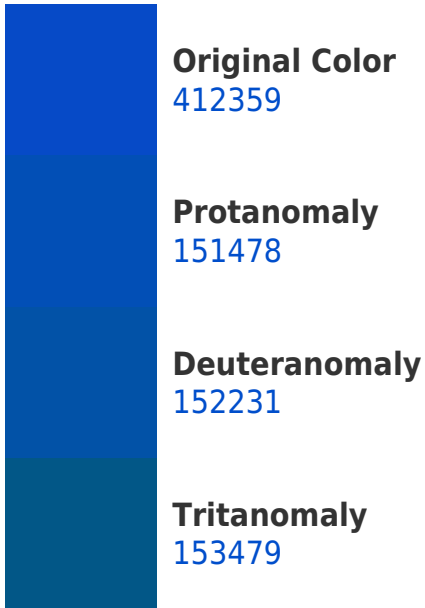
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 412359 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 #064AC7 looks like.

```
.text, #text, p{  
    color:#064AC7  
}
```

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 #064AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064AC7
}
```

## Border

The CSS property to change the border of an element to Decimal 412359 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
#064AC7 }
```

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

```
.border{ border-color:#064AC7 }
```

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

Here you see how a box with a 4 pixel #064AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064AC7; -webkit-box-shadow:4px 4px  
4px 4px #064AC7; box-shadow:4px 4px 4px  
4px #064AC7 }
```

# Background

The CSS property to change the background color of an element to Decimal 412359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064AC7 }
```

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

```
.background{ background-color:#064AC7 }
```

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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