

# Converting Colors

Decimal(8414420)

Have a look what the booklet for  
Decimal(8414420) contains.

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**Color**

**Decimal(8414420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8064D4
RGB	128, 100, 212
RGB Percent	50%, 39%, 83%
CMY	0.4980, 0.6078, 0.1686
CMYK	0.40, 0.53, 0.00, 0.17
HSL	255°, 57%, 61%
HSV	255°, 53%, 83%
XYZ	25.3429, 18.4570, 64.5142
YIQ	121.1400, -19.2640, 40.7680

# Conversions

## Conversions Part 2

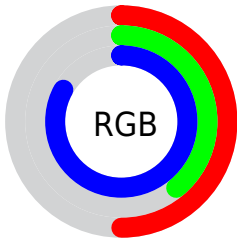
Format	Color
R <sub>Y</sub> B	128, 100, 212
Decimal	8414420
CIE Lab	50.05, 37.14, -54.11
CIE LCh	50, 65.628, 304.463
Yxy	18.4570, 0.2340, 0.1704
Android (android.graphics.Color)	4286604500 (0xFF8064D4)
YUV	121.1400, 44.7940, 6.0162
Hunter-Lab	42.9616, 30.1138, -58.9609

# Details

The Decimal color **8414420** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **12112996**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **12163327**, and **4732061** is the 20% darker color. If you saturate the color by 10%, you get **7360468**, and if you desaturate by 10%, it is **9468372**.

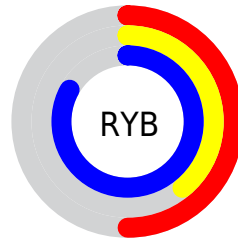
# Distribution



Red (50%)

Green (39%)

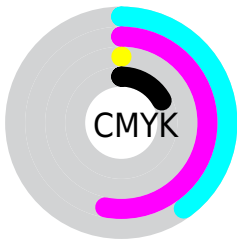
Blue (83%)



Red (50%)

Yellow (39%)

Blue (83%)

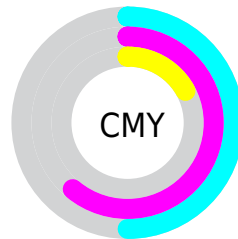


Cyan (40%)

Magenta (53%)

Yellow (0%)

Black (17%)



Cyan (50%)

Magenta (61%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8414420 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 8414420 by changing the saturation by 10% instead.



■ 8414420

■ 8414420

16777215

■ 6573240

■ 12163327

■ 4732061

■ 14070783

■ 2760066

■ 15978239

■ 1896

■ 16772095

■ 79

■ 1335

■ 545

■ 6

■ 0

■ 8414420

■ 8414420

■ 7360468

■ 9468372

■ 6306516

■ 10522324

■ 5252308

■ 11576532

■ 4198356

■ 12630484

■ 3473620

■ 13684436

■ 14672852

■ 15726804

■ 16777172

# Harmonies

## Analogous

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



31719



8414420



12535720

# Triad

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



8414420



11887104



36990

# Complementary

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



8414420



12112996

# 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.



36164



8414420



8943360

# Square

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



8414420



13780795



5145856



36789

# Rectangle

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



8414420



13908100



5145856



36715



# Sweetspot

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



8414420



14735103



6600916



7169920



0



8421504



# Same Dimension

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



8414420



8871679



12084436



6512747



2818219



720939



# Inverse Universe

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



13919416



16735959



8442980



7037032



11206784

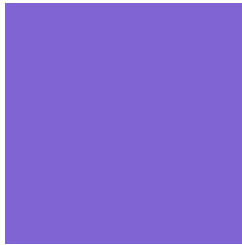


2818081



# Previews

## White Background



This preview shows how the Decimal color 8414420 looks on a white background.

## Color Contrast Check

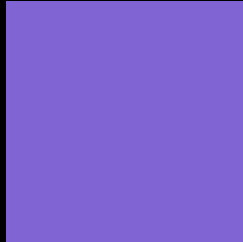
Large Text (above 18pt) WCAG AA ✓ Pass

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 8414420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

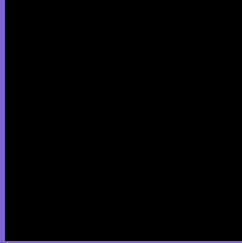
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8414420 Background



This preview shows how black text looks on a background with the Decimal color 8414420.

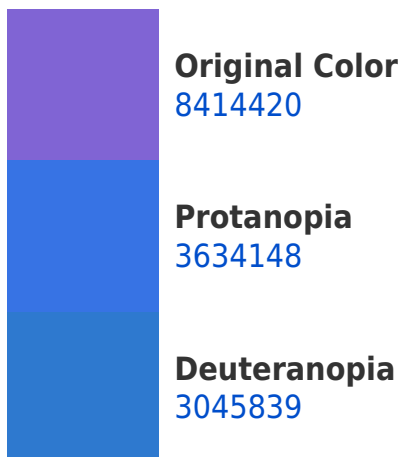


This preview shows how white text looks on a background with the Decimal color 8414420.

# Color Blindness Simulation

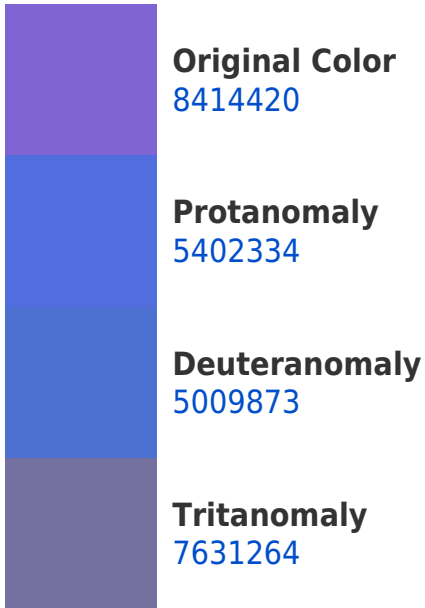
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8414420 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 #8064D4 looks like.

```
.text, #text, p{  
    color:#8064D4  
}
```

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 #8064D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8064D4
}
```

## Border

The CSS property to change the border of an element to Decimal 8414420 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".

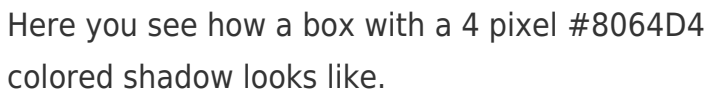
```
.border, #border, table{ border:4px solid
#8064D4 }
```

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

```
.border{ border-color:#8064D4 }
```

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

Here you see how a box with a 4 pixel #8064D4 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and bottom, and a thicker purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8064D4; -webkit-box-shadow:4px 4px  
4px 4px #8064D4; box-shadow:4px 4px 4px  
4px #8064D4 }
```

# Background

The CSS property to change the background color of an element to Decimal 8414420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8064D4 }
```

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

```
.background{ background-color:#8064D4 }
```

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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