

# Converting Colors

Decimal(412799)

Have a look what the booklet for  
Decimal(412799) contains.

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# Color

**Decimal(412799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	064C7F
RGB	6, 76, 127
RGB Percent	2%, 30%, 50%
CMY	0.9765, 0.7020, 0.5020
CMYK	0.95, 0.40, 0.00, 0.50
HSL	205°, 91%, 26%
HSV	205°, 95%, 50%
XYZ	6.4903, 6.7399, 21.0375
YIQ	60.8840, -58.0910, 1.0210

# Conversions

## Conversions Part 2

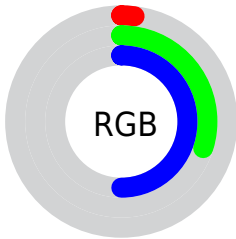
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 50, 127
Decimal	412799
CIELab	31.21, 0.89, -34.23
CIELCh	31, 34.242, 271.486
Yxy	6.7399, 0.1894, 0.1967
Android (android.graphics.Color)	4278602879 (0xFF064C7F)
YUV	60.8840, 32.5952, -48.1333
Hunter-Lab	25.9613, -0.8075, -29.8722

# Details

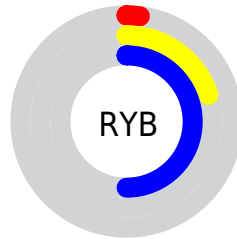
The Decimal color **412799** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8337670**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **5143732**, and **8525** is the 20% darker color. If you saturate the color by 10%, you get **18815**, and if you desaturate by 10%, it is **1266047**.

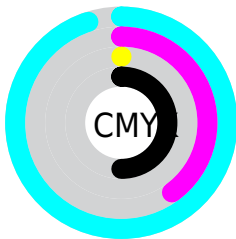
# Distribution



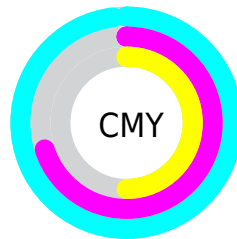
- Red (2%)
- Green (30%)
- Blue (50%)



- Red (2%)
- Yellow (20%)
- Blue (50%)



- Cyan (95%)
- Magenta (40%)
- Yellow (0%)
- Black (50%)



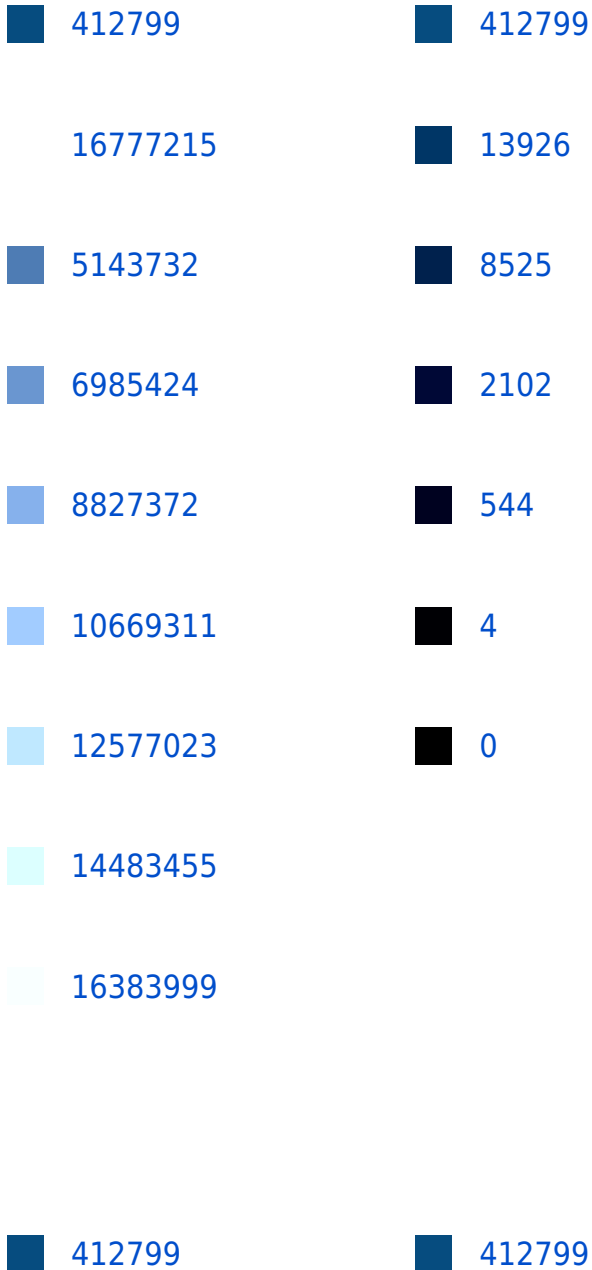
- Cyan (98%)
- Magenta (70%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 412799 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 412799 by changing the saturation by 10% instead.





■ 18815

■ 1266047

■ 2054015

■ 2907263

■ 3760511

■ 4614015

■ 5401727

■ 6254975

■ 7108479

■ 7896191

# Harmonies

## Analogous

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



21368



412799



4997751

# Triad

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



412799



7877935



1201199

# Complementary

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



412799



8337670

# 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.



3887128



412799



7093786

# Square

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



412799



7942473



5654799



22090

# Rectangle

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



412799



6503019



5654799



2380582



# Sweetspot

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



412799



7770534



425784



3622996



13948116



5526612



# Same Dimension

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



412799



24742



397439



3751232



19072



0



# Inverse Universe

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



8324684



10879072



8353030



4208957



8388682



0



# Previews

## White Background



This preview shows how the Decimal color 412799 looks on a white background.

### Color Contrast Check

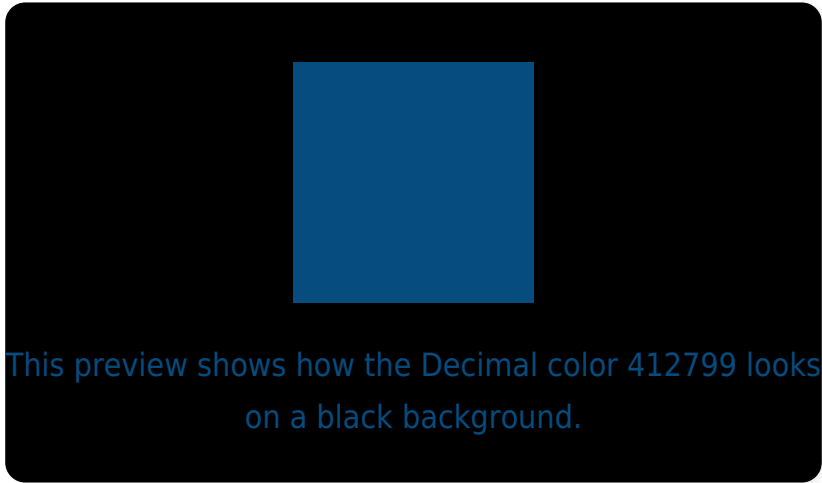
Large Text (above 18pt) WCAG AA ✓ Pass

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 412799 Background



This preview shows how black text looks on a background with the Decimal color 412799.



This preview shows how white text looks on a background with the Decimal color 412799.

# Color Blindness Simulation

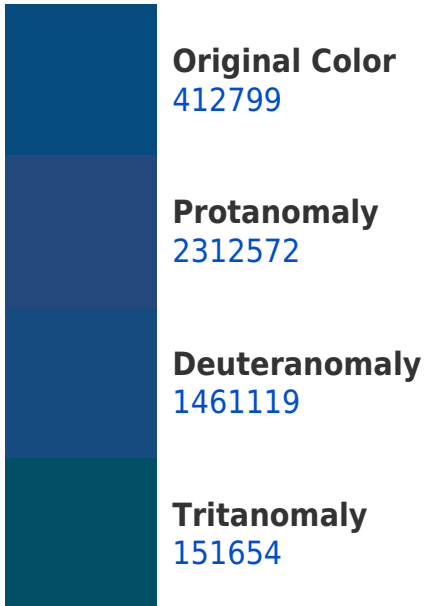
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 412799 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 #064C7F looks like.

```
.text, #text, p{  
    color:#064C7F  
}
```

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 #064C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064C7F
}
```

## Border

The CSS property to change the border of an element to Decimal 412799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

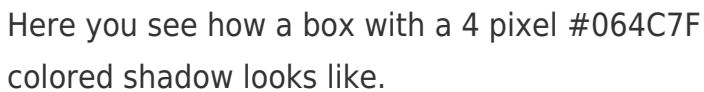
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#064C7F }
```

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

```
.border{ border-color:#064C7F }
```

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



Here you see how a box with a 4 pixel #064C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064C7F; -webkit-box-shadow:4px 4px  
4px 4px #064C7F; box-shadow:4px 4px 4px  
4px #064C7F }
```

# Background

The CSS property to change the background color of an element to Decimal 412799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064C7F }
```

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

```
.background{ background-color:#064C7F }
```

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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