

# Converting Colors

Decimal(739959)

Have a look what the booklet for  
Decimal(739959) contains.

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# Color

**Decimal(739959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B4A77
RGB	11, 74, 119
RGB Percent	4%, 29%, 47%
CMY	0.9569, 0.7098, 0.5333
CMYK	0.91, 0.38, 0.00, 0.53
HSL	205°, 83%, 25%
HSV	205°, 91%, 47%
XYZ	5.9166, 6.3006, 18.3571
YIQ	60.2930, -51.9930, 0.6390

# Conversions

## Conversions Part 2

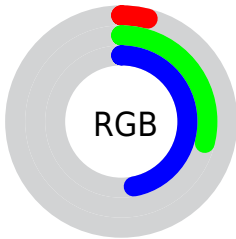
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 51, 119
Decimal	739959
CIELab	30.16, -0.80, -30.90
CIELCh	30, 30.914, 268.516
Yxy	6.3006, 0.1935, 0.2061
Android (android.graphics.Color)	4278930039 (0xFF0B4A77)
YUV	60.2930, 28.9426, -43.2300
Hunter-Lab	25.1010, -1.8526, -25.7897

# Details

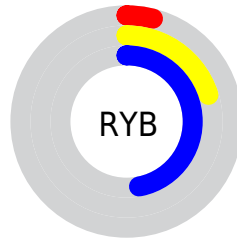
The Decimal color **739959** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7813131**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **5077676**, and **8006** is the 20% darker color. If you saturate the color by 10%, you get **17783**, and if you desaturate by 10%, it is **1527671**.

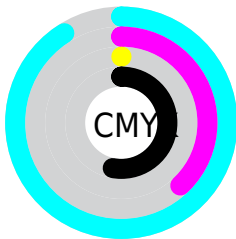
# Distribution



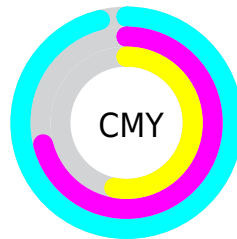
- Red (4%)
- Green (29%)
- Blue (47%)



- Red (4%)
- Yellow (20%)
- Blue (47%)



- Cyan (91%)
- Magenta (38%)
- Yellow (0%)
- Black (53%)



- Cyan (96%)
- Magenta (71%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 739959 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 739959 by changing the saturation by 10% instead.





739959



739959

16777215



13406



5077676



8006



6919367



1328



8695779



282



10537727



0



12379903



14286847



16252927



739959



739959

■ 17783

■ 1527671

■ 2315383

■ 3103095

■ 3890807

■ 4612983

■ 5400695

■ 6188407

■ 6976119

■ 7763831

# Harmonies

## Analogous

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



20592



739959



4604273

# Triad

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



739959



748465



1921325

# Complementary

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



739959



7813131

# 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.



4017178



739959



6831134

# Square

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



739959



7483977



5588244



21317

# Rectangle

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



739959



5978983



5588244



2773030



# Sweetspot

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



739959



7506588



751416



3556687



13619151



5197647



# Same Dimension

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



739959



23452



726135



3487803



18298



37626



# Inverse Universe

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



7801674



10223707



7826955



3880248



7995463



16384146



# Previews

## White Background



This preview shows how the Decimal color 739959 looks on a white background.

### Color Contrast Check

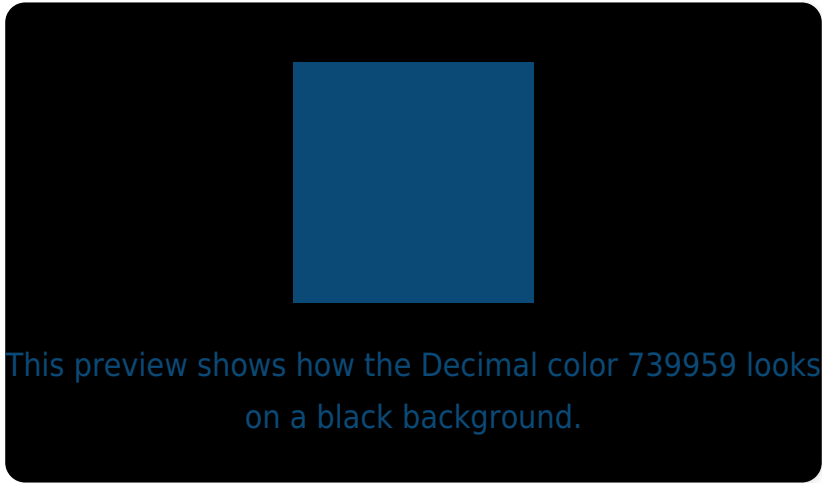
Large Text (above 18pt) WCAG AA ✓ Pass

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 739959 Background



This preview shows how black text looks on a background with the Decimal color 739959.

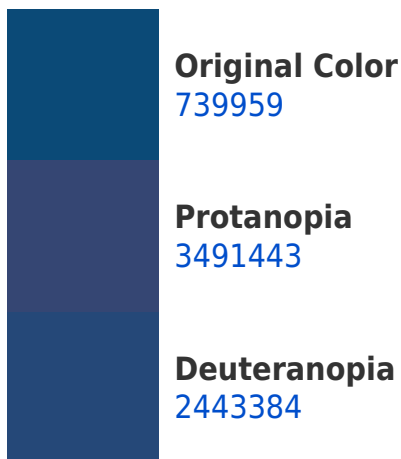


This preview shows how white text looks on a background with the Decimal color 739959.

# 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



**Original Color**  
739959

**Protanomaly**  
2508660

**Deuteranomaly**  
1853816

**Tritanomaly**  
281953

# Monochromacy



**Original Color**  
739959

**Achromatopsia**  
3947580

**Achromatomaly**  
2769233

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 739959 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 #0B4A77 looks like.

```
.text, #text, p{  
  color:#0B4A77  
}
```

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 #0B4A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4A77
}
```

## Border

The CSS property to change the border of an element to Decimal 739959 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
#0B4A77 }
```

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

```
.border{ border-color:#0B4A77 }
```

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

Here you see how a box with a 4 pixel #0B4A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4A77; -webkit-box-shadow:4px 4px  
4px 4px #0B4A77; box-shadow:4px 4px 4px  
4px #0B4A77 }
```

# Background

The CSS property to change the background color of an element to Decimal 739959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4A77 }
```

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

```
.background{ background-color:#0B4A77 }
```

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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