

# Converting Colors

Decimal(24939)

Have a look what the booklet for  
Decimal(24939) contains.

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# Color

**Decimal(24939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00616B
RGB	0, 97, 107
RGB Percent	0%, 38%, 42%
CMY	1.0000, 0.6196, 0.5804
CMYK	1.00, 0.09, 0.00, 0.58
HSL	186°, 100%, 21%
HSV	186°, 100%, 42%
XYZ	6.9285, 9.6109, 15.3998
YIQ	69.1370, -61.0220, -17.4540

# Conversions

## Conversions Part 2

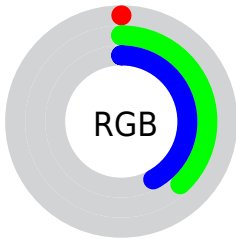
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 51, 107
Decimal	24939
CIELab	37.13, -20.16, -12.59
CIELCh	37, 23.771, 211.985
Yxy	9.6109, 0.2169, 0.3009
Android (android.graphics.Color)	4278215019 (0xFF00616B)
YUV	69.1370, 18.6665, -60.6331
Hunter-Lab	31.0015, -14.3596, -7.7510

# Details

The Decimal color **24939** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7014912**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **4822174**, and **12860** is the 20% darker color. If you saturate the color by 10%, you get **24939**, and if you desaturate by 10%, it is **746091**.

# Distribution



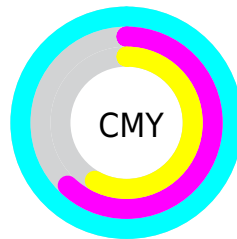
- Red (0%)
- Green (38%)
- Blue (42%)



- Red (0%)
- Yellow (20%)
- Blue (42%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 24939 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 24939 by changing the saturation by 10% instead.




 24939                       24939

16777215                       18771

 4822174                       12860

 6664121                       7718

 8506069                       273

 10282737                       0

 12189695

 14090239

 15990783

 24939

■ 746091

■ 1401707

■ 2122859

■ 2844011

■ 3565163

■ 4220779

■ 4941931

■ 5663083

■ 6318699

# Harmonies

## Analogous

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



1860184



24939



1728121

# Triad

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



24939



7424874



6510385

# Complementary

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



24939



7014912

# 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.



7491638



24939



8079447

# Square

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



24939



5984888



8145476



5200950

# Rectangle

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



24939



3300221



8145476



6902833



# Sweetspot

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



24939



6457484



27401



3032391



13092807



4671303



# Same Dimension

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



24939



32652



11627



3159350



27253



57077



# Inverse Universe

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



7012449



9175167



7028224



3551285



7667818



16056542



# Previews

## White Background



This preview shows how the Decimal color 24939 looks on a white background.

## Color Contrast Check

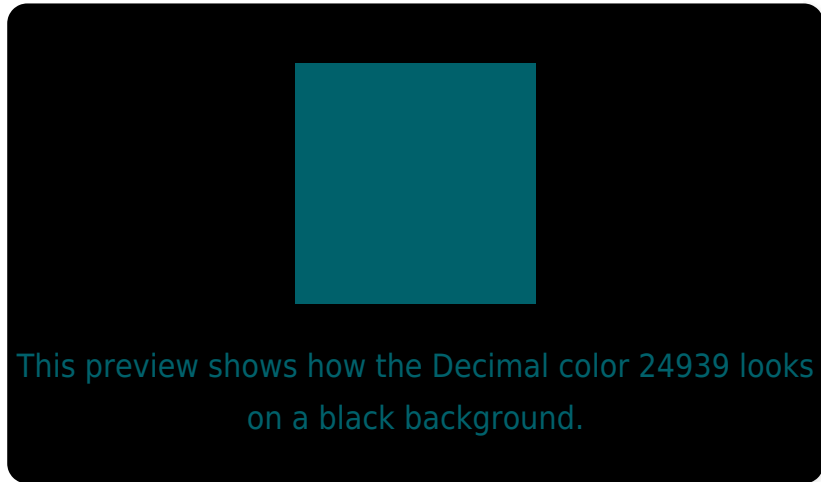
Large Text (above 18pt) WCAG AA ✓ Pass

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

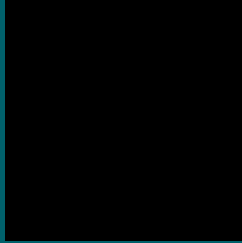
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 24939 Background



This preview shows how black text looks on a background with the Decimal color 24939.

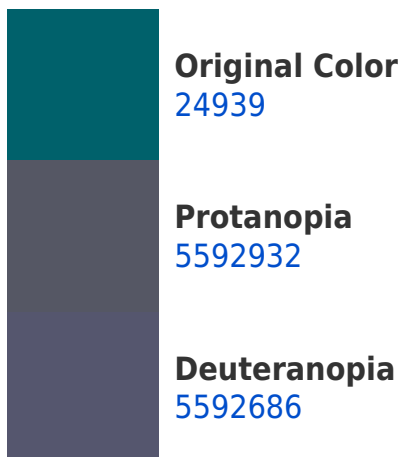


This preview shows how white text looks on a background with the Decimal color 24939.

# 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](#).

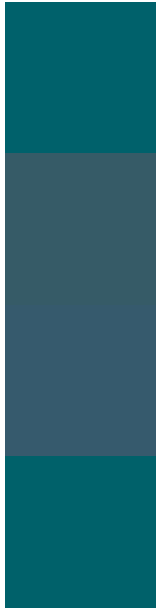
## Dichromacy





**Tritanopia**  
24937

# Trichromacy



**Original Color**  
24939

**Protanomaly**  
3562343

**Deuteranomaly**  
3562093

**Tritanomaly**  
24938

# Monochromacy



**Original Color**  
24939

**Achromatopsia**  
4539717

**Achromatomaly**  
2903891

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 24939 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 #00616B looks like.

```
.text, #text, p{  
    color:#00616B  
}
```

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 #00616B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00616B
}
```

## Border

The CSS property to change the border of an element to Decimal 24939 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
#00616B }
```

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

```
.border{ border-color:#00616B }
```

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

Here you see how a box with a 4 pixel #00616B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00616B; -webkit-box-shadow:4px 4px  
4px 4px #00616B; box-shadow:4px 4px 4px  
4px #00616B }
```

# Background

The CSS property to change the background color of an element to Decimal 24939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00616B }
```

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

```
.background{ background-color:#00616B }
```

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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