

# Converting Colors

Decimal(25239)

Have a look what the booklet for  
Decimal(25239) contains.

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# Color

**Decimal(25239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006297
RGB	0, 98, 151
RGB Percent	0%, 38%, 59%
CMY	1.0000, 0.6157, 0.4078
CMYK	1.00, 0.35, 0.00, 0.41
HSL	201°, 100%, 30%
HSV	201°, 100%, 59%
XYZ	9.9536, 10.9697, 30.8709
YIQ	74.7400, -75.4210, -4.2930

# Conversions

## Conversions Part 2

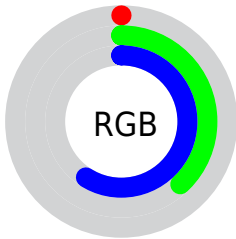
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 59, 151
Decimal	25239
CIELab	39.53, -3.67, -35.65
CIELCh	40, 35.838, 264.116
Yxy	10.9697, 0.1922, 0.2118
Android (android.graphics.Color)	4278215319 (0xFF006297)
YUV	74.7400, 37.5962, -65.5470
Hunter-Lab	33.1206, -4.3171, -32.0784

# Details

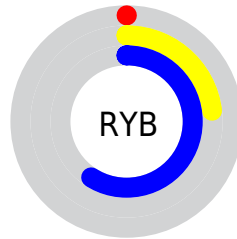
The Decimal color **25239** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9909504**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **5543118**, and **13412** is the 20% darker color. If you saturate the color by 10%, you get **25239**, and if you desaturate by 10%, it is **1009559**.

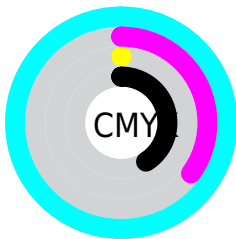
# Distribution



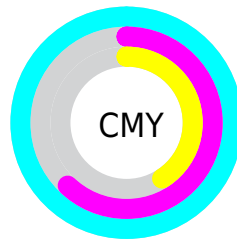
- Red (0%)
- Green (38%)
- Blue (59%)



- Red (0%)
- Yellow (23%)
- Blue (59%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)



















- Cyan (100%)
- Magenta (62%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 25239 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 25239 by changing the saturation by 10% instead.



 25239	 25239
 16777215	 19069
 5543118	 13412
 7450602	 8011
 9358079	 1333
 11265791	 542
 13172735	 1
 15138815	 0

 25239

 1009559

■ 1994135

■ 2978455

■ 3962775

■ 5012887

■ 5997207

■ 6981527

■ 7965847

■ 8950423

# Harmonies

## Analogous

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



27020



25239



5593234

# Triad

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



25239



9651783



3303482

# Complementary

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



25239



9909504

# 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.



5661477



25239



8933166

# Square

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



25239



9454692



7559713



27478

# Rectangle

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



25239



7426183



7559713



4220721



# Sweetspot

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



25239



9023684



38709



4216675



14935011



6513507



# Same Dimension

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



25239



32708



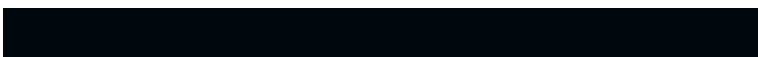
6039



4541005



23436



2061



# Inverse Universe

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



9896034



12845183



9928704



5064010



9175131



851976



# Previews

## White Background



This preview shows how the Decimal color 25239 looks on a white background.

## Color Contrast Check

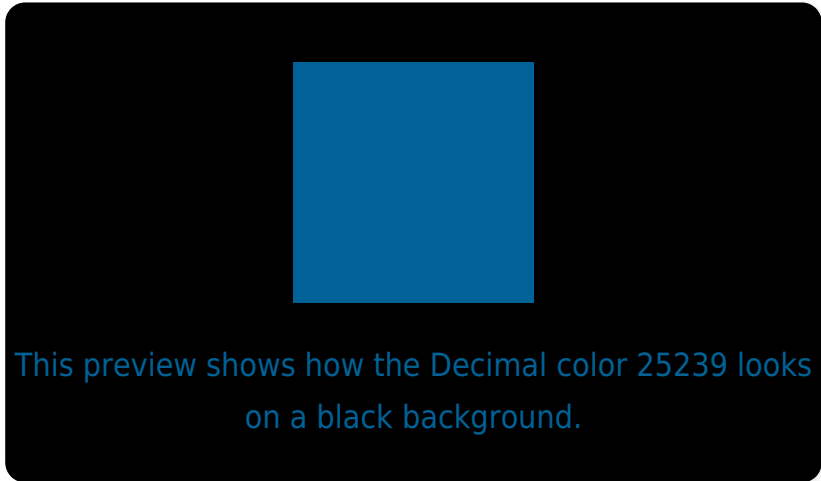
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 25239 Background



This preview shows how black text looks on a background with the Decimal color 25239.



This preview shows how white text looks on a background with the Decimal color 25239.

# Color Blindness Simulation

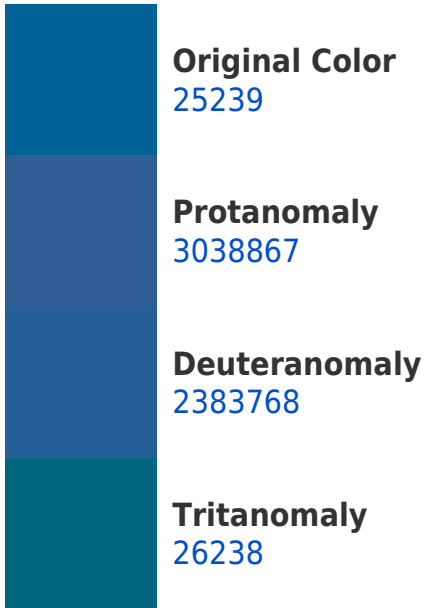
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

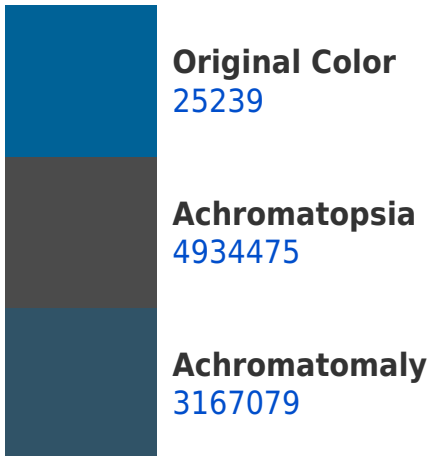




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 25239 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 #006297 looks like.

```
.text, #text, p{  
    color:#006297  
}
```

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 #006297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006297
}
```

## Border

The CSS property to change the border of an element to Decimal 25239 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
#006297 }
```

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

```
.border{ border-color:#006297 }
```

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

Here you see how a box with a 4 pixel #006297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006297; -webkit-box-shadow:4px 4px  
4px 4px #006297; box-shadow:4px 4px 4px  
4px #006297 }
```

# Background

The CSS property to change the background color of an element to Decimal 25239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006297 }
```

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

```
.background{ background-color:#006297 }
```

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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