

# Converting Colors

Decimal(2512239)

Have a look what the booklet for  
Decimal(2512239) contains.

<b>Decimal(2512239)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2512239)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	26556F
RGB	38, 85, 111
RGB Percent	15%, 33%, 44%
CMY	0.8510, 0.6667, 0.5647
CMYK	0.66, 0.23, 0.00, 0.56
HSL	201°, 49%, 29%
HSV	201°, 66%, 44%
XYZ	6.9171, 8.0568, 16.2295
YIQ	73.9110, -36.3580, -1.8780

# Conversions

## Conversions Part 2

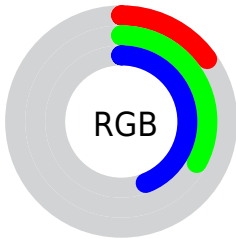
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 67, 111
Decimal	2512239
CIE <sub>Lab</sub>	34.10, -7.20, -19.66
CIE <sub>LCh</sub>	34, 20.938, 249.888
Yxy	8.0568, 0.2217, 0.2582
Android (android.graphics.Color)	4280702319 (0xFF26556F)
YUV	73.9110, 18.2849, -31.4939
Hunter-Lab	28.3844, -6.1737, -14.0313

# Details

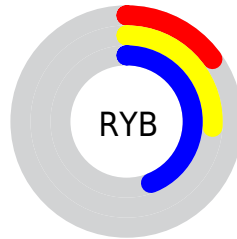
The Decimal color **2512239** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7290918**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **5998499**, and **10303** is the 20% darker color. If you saturate the color by 10%, you get **1790319**, and if you desaturate by 10%, it is **3234159**.

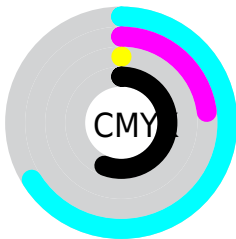
# Distribution



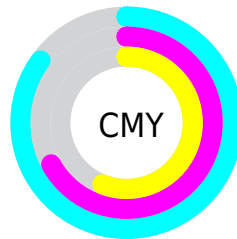
- Red (15%)
- Green (33%)
- Blue (44%)



- Red (15%)
- Yellow (26%)
- Blue (44%)



- Cyan (66%)
- Magenta (23%)
- Yellow (0%)
- Black (56%)



- Cyan (85%)
- Magenta (67%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2512239 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 2512239 by changing the saturation by 10% instead.



■ 2512239

■ 2512239

16777215

■ 212567

■ 5998499

■ 10303

■ 7709118

■ 5161

■ 9485530

■ 276

■ 11327478

■ 0

■ 13169919

■ 15073279

■ 2512239

■ 2512239

■ 1790319

■ 3234159

■ 1068399

■ 3956079

■ 346479

■ 4677999

■ 18287

■ 5399919

■ 6187375

■ 6909295

■ 7631215

■ 8353135

■ 9075055

# Harmonies

## Analogous

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



1136741



2512239



4345969

# Triad

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



2512239



7422795



4478262

# Complementary

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



2512239



7290918

# 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.



5656879



2512239



7292476

# Square

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



2512239



6964572



6638385



3102788

# Rectangle

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



2512239



5393517



6638385



4871219



# Sweetspot

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



2512239



7636881



2518848



3687498



13224393



4868682



# Same Dimension

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



2512239



2058385



2503023



3290680



19832



40951



# Inverse Universe

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



7284309



9510760



7300134



3682870



7864397

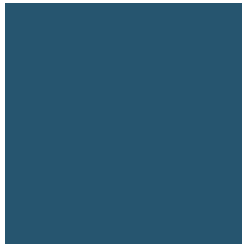


16187551



# Previews

## White Background



This preview shows how the Decimal color 2512239 looks on a white background.

## Color Contrast Check

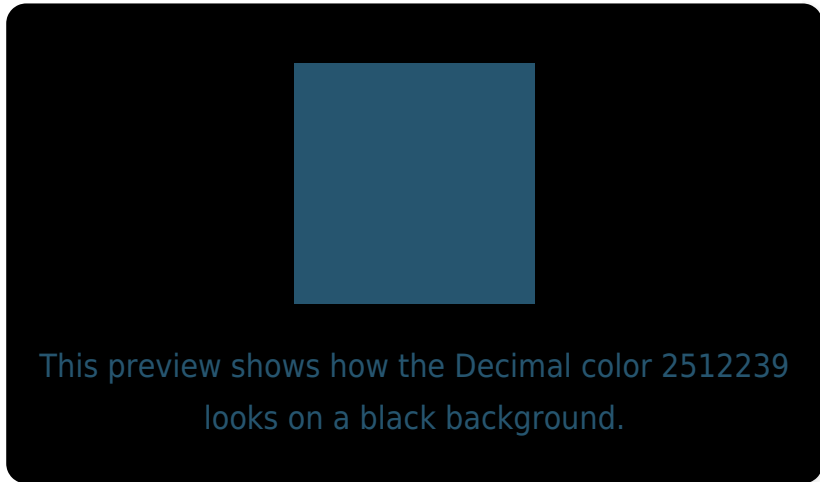
Large Text (above 18pt) WCAG AA ✓ Pass

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

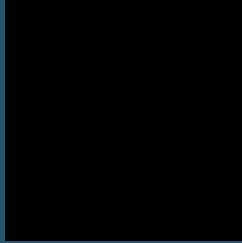
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2512239 Background



This preview shows how black text looks on a background with the Decimal color 2512239.

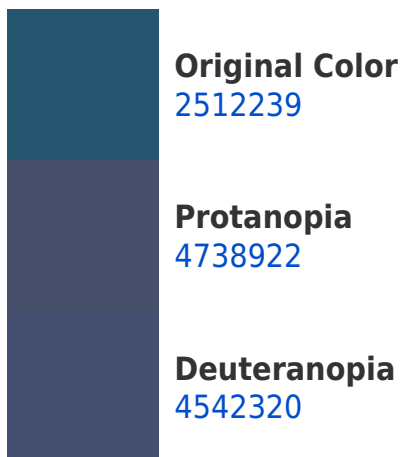



This preview shows how white text looks on a background with the Decimal color 2512239.

# 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](#).

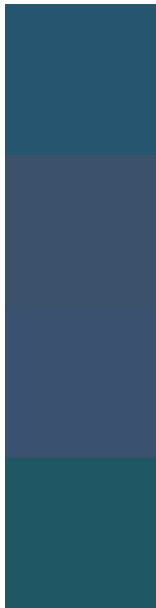
## Dichromacy





**Tritanopia**  
1923167

# Trichromacy



**Original Color**  
2512239

**Protanomaly**  
3953004

**Deuteranomaly**  
3821936

**Tritanomaly**  
2119525

# Monochromacy



**Original Color**  
2512239

**Achromatopsia**  
4868682

**Achromatomaly**  
4017751

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2512239 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 #26556F looks like.

```
.text, #text, p{  
    color:#26556F  
}
```

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 #26556F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26556F
}
```

## Border

The CSS property to change the border of an element to Decimal 2512239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

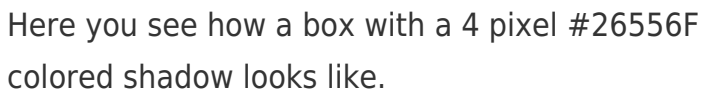
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26556F }
```

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

```
.border{ border-color:#26556F }
```

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



Here you see how a box with a 4 pixel #26556F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26556F; -webkit-box-shadow:4px 4px  
4px 4px #26556F; box-shadow:4px 4px 4px  
4px #26556F }
```

# Background

The CSS property to change the background color of an element to Decimal 2512239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26556F }
```

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

```
.background{ background-color:#26556F }
```

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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