

# Converting Colors

Decimal(2440561)

Have a look what the booklet for  
Decimal(2440561) contains.

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# Color

**Decimal(2440561)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	253D71
RGB	37, 61, 113
RGB Percent	15%, 24%, 44%
CMY	0.8549, 0.7608, 0.5569
CMYK	0.67, 0.46, 0.00, 0.56
HSL	221°, 51%, 29%
HSV	221°, 67%, 44%
XYZ	5.4123, 4.9231, 16.2878
YIQ	59.7520, -30.9960, 11.0840

# Conversions

## Conversions Part 2

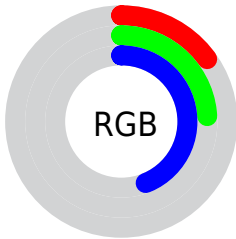
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 55, 113
Decimal	2440561
CIE Lab	26.51, 9.11, -32.87
CIE LCh	27, 34.107, 285.491
Yxy	4.9231, 0.2033, 0.1849
Android (android.graphics.Color)	4280630641 (0xFF253D71)
YUV	59.7520, 26.2513, -19.9535
Hunter-Lab	22.1880, 4.7127, -27.9921

# Details

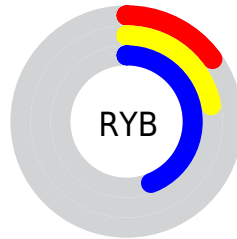
The Decimal color **2440561** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7428389**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **5926053**, and **5184** is the 20% darker color. If you saturate the color by 10%, you get **1717617**, and if you desaturate by 10%, it is **3163505**.

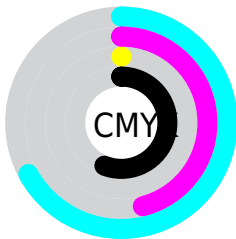
# Distribution



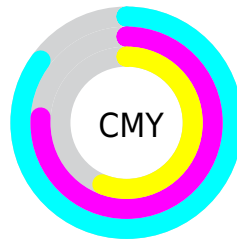
- Red (15%)
- Green (24%)
- Blue (44%)



- Red (15%)
- Yellow (22%)
- Blue (44%)



- Cyan (67%)
- Magenta (46%)
- Yellow (0%)
- Black (56%)



- Cyan (85%)
- Magenta (76%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2440561 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 2440561 by changing the saturation by 10% instead.



■ 2440561

■ 2440561

16777215

■ 75864

■ 5926053

■ 5184

■ 7701953

■ 810

■ 9478109

■ 276

■ 11254521

■ 0

■ 13096703

■ 15004415

■ 2440561

■ 2440561

■ 1717617

■ 3163505

■ 929393

■ 3951729

■ 206449

■ 4674673

■ 9329

■ 5397617

■ 6186097

■ 6908785

■ 7631729

■ 8354673

■ 9143153

# Harmonies

## Analogous

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



17777



2440561



5321315

# Triad

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



2440561



6762010



18993

# Complementary

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



2440561



7428389

# 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.



2180888



2440561



5650696

# Square

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



2440561



7218738



4145670



19276

# Rectangle

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



2440561



6433365



4145670



18728



# Sweetspot

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



2440561



7766164



2453849



3685962



13224393



4868682



# Same Dimension

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



2440561



1852052



3351921



3290168



9848



20215



# Inverse Universe

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



7415101



9706562



6517029



3682868



7864358



16187470



# Previews

## White Background



This preview shows how the Decimal color 2440561 looks on a white background.

## Color Contrast Check

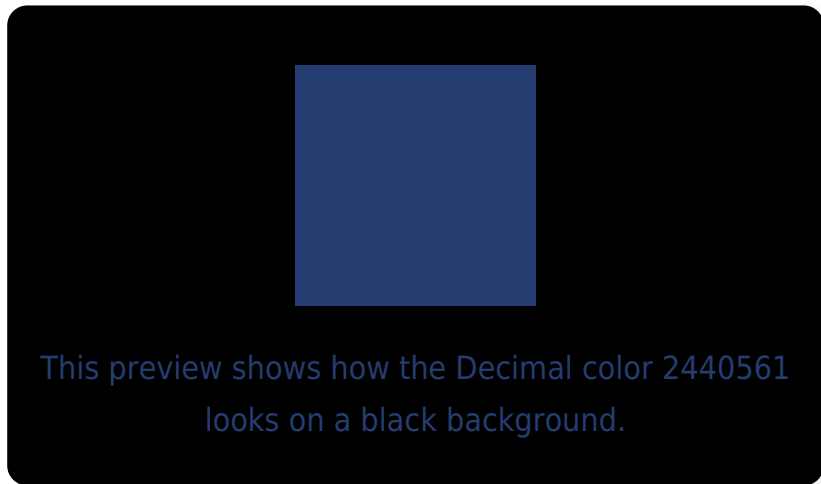
Large Text (above 18pt) WCAG AA ✓ Pass

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

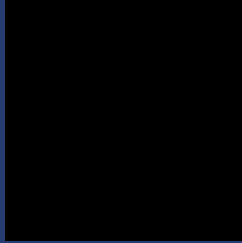
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2440561 Background



This preview shows how black text looks on a background with the Decimal color 2440561.



This preview shows how white text looks on a background with the Decimal color 2440561.

# 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



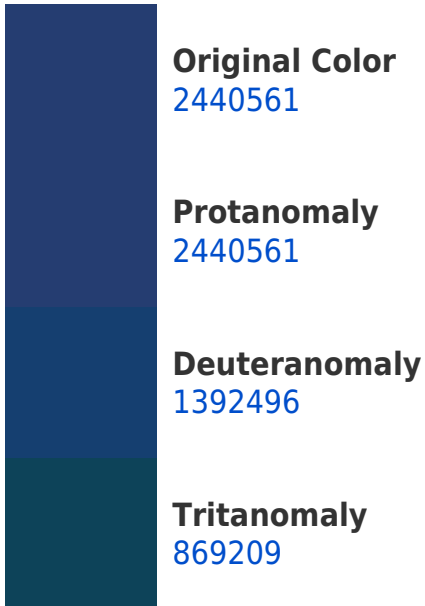
**Original Color**  
2440561

**Protanopia**  
2440561

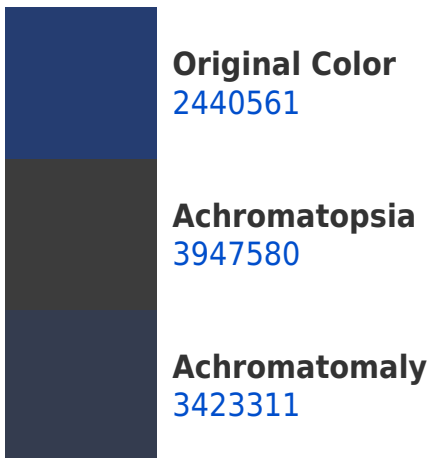
**Deuteranopia**  
802928



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2440561 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 #253D71 looks like.

```
.text, #text, p{  
    color:#253D71  
}
```

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 #253D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253D71
}
```

## Border

The CSS property to change the border of an element to Decimal 2440561 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
#253D71 }
```

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

```
.border{ border-color:#253D71 }
```

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

Here you see how a box with a 4 pixel #253D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253D71; -webkit-box-shadow:4px 4px  
4px 4px #253D71; box-shadow:4px 4px 4px  
4px #253D71 }
```

# Background

The CSS property to change the background color of an element to Decimal 2440561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253D71 }
```

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

```
.background{ background-color:#253D71 }
```

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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