

# Converting Colors

Decimal(4016241)

Have a look what the booklet for  
Decimal(4016241) contains.

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# Color

**Decimal(4016241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D4871
RGB	61, 72, 113
RGB Percent	24%, 28%, 44%
CMY	0.7608, 0.7176, 0.5569
CMYK	0.46, 0.36, 0.00, 0.56
HSL	227°, 30%, 34%
HSV	227°, 46%, 44%
XYZ	7.2225, 6.8191, 16.5583
YIQ	73.3850, -19.7170, 10.4190

# Conversions

## Conversions Part 2

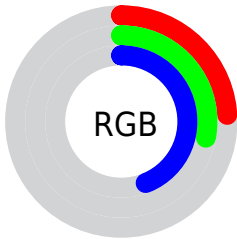
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 70, 113
Decimal	4016241
CIELab	31.39, 7.51, -25.04
CIElCh	31, 26.145, 286.686
Yxy	6.8191, 0.2360, 0.2228
Android (android.graphics.Color)	4282206321 (0xFF3D4871)
YUV	73.3850, 19.5302, -10.8616
Hunter-Lab	26.1134, 3.6713, -19.3161

# Details

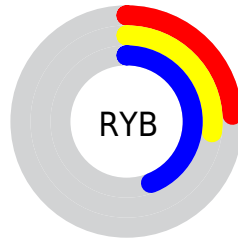
The Decimal color **4016241** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7431741**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **7305381**, and **662849** is the 20% darker color. If you saturate the color by 10%, you get **3293041**, and if you desaturate by 10%, it is **4739441**.

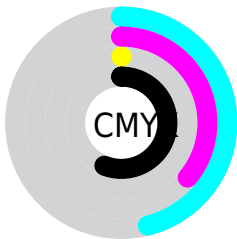
# Distribution



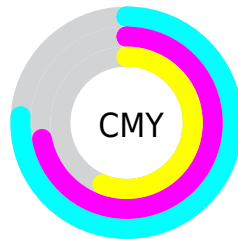
- Red (24%)
- Green (28%)
- Blue (44%)



- Red (24%)
- Yellow (27%)
- Blue (44%)



- Cyan (46%)
- Magenta (36%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (72%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4016241 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 4016241 by changing the saturation by 10% instead.



■ 4016241

■ 4016241

16777215

■ 2437720

■ 7305381

■ 662849

■ 9016000

■ 555

■ 10792156

■ 277

■ 12634361

■ 0

■ 14476543

■ 16383999

■ 4016241

■ 4016241

■ 3293041

■ 4739441

■ 2504305

■ 5528177

■ 1781105

■ 6251377

■ 1057905

■ 6974577

■ 269169

■ 7763313

■ 6257

■ 8486257

■ 9209457

■ 9932657

■ 10721393

# Harmonies

## Analogous

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



806769



4016241



5914726

# Triad

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



4016241



7093805



1266752

# Complementary

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



4016241



7431741

# 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.



3428653



4016241



6178338

# Square

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



4016241



7420223



4934689



21589

# Rectangle

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



4016241



6765658



4934689



2183993



# Sweetspot

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



4016241



8357012



4026726



4014154



13224393



4868682



# Same Dimension

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



4016241



4412564



4996465



3290168



6520



13559



# Inverse Universe

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



7421256



9716564



6451517



3682868



7864345

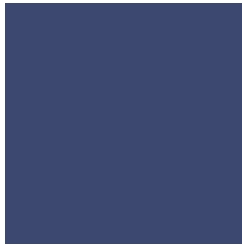


16187444



# Previews

## White Background



This preview shows how the Decimal color 4016241 looks on a white background.

## Color Contrast Check

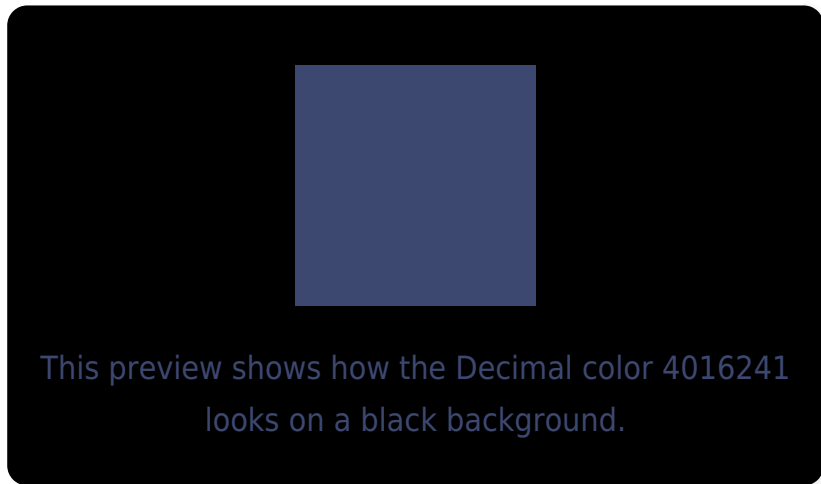
Large Text (above 18pt) WCAG AA ✓ Pass

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 4016241 Background



This preview shows how black text looks on a background with the Decimal color 4016241.

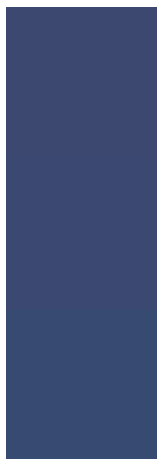


This preview shows how white text looks on a background with the Decimal color 4016241.

# 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**

4016241

**Protanopia**

3885169

**Deuteranopia**

3623537



**Tritanopia**  
3493460

# Trichromacy



**Original Color**

4016241

**Protanomaly**

3950705

**Deuteranomaly**

3754353

**Tritanomaly**

3689567

# Monochromacy



**Original Color**

4016241

**Achromatopsia**

4802889

**Achromatomaly**

4540760

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4016241 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 #3D4871 looks like.

```
.text, #text, p{  
  color:#3D4871  
}
```

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 #3D4871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4871
}
```

## Border

The CSS property to change the border of an element to Decimal 4016241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

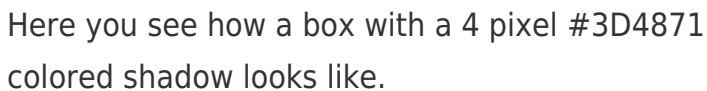
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4871 }
```

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

```
.border{ border-color:#3D4871 }
```

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



Here you see how a box with a 4 pixel #3D4871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4871; -webkit-box-shadow:4px 4px  
4px 4px #3D4871; box-shadow:4px 4px 4px  
4px #3D4871 }
```

# Background

The CSS property to change the background color of an element to Decimal 4016241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4871 }
```

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

```
.background{ background-color:#3D4871 }
```

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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