

# Converting Colors

Decimal(2375479)

Have a look what the booklet for  
Decimal(2375479) contains.

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# Color

**Decimal(2375479)**

# Conversions

## Conversions Part 1

Format	Color
Hex	243F37
RGB	36, 63, 55
RGB Percent	14%, 25%, 22%
CMY	0.8588, 0.7529, 0.7843
CMYK	0.43, 0.00, 0.13, 0.75
HSL	162°, 27%, 19%
HSV	162°, 43%, 25%
XYZ	3.1946, 4.2059, 4.2579
YIQ	54.0150, -13.5240, -8.2120

# Conversions

## Conversions Part 2

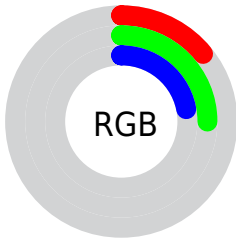
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	36, 52, 63
Decimal	2375479
CIE Lab	24.34, -12.52, 1.67
CIE LCh	24, 12.633, 172.412
Yxy	4.2059, 0.2740, 0.3608
Android (android.graphics.Color)	4280565559 (0xFF243F37)
YUV	54.0150, 0.4856, -15.7992
Hunter-Lab	20.5083, -8.0841, 2.0462

# Details

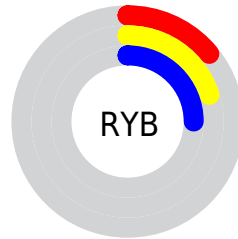
The Decimal color **2375479** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4138028**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **5402470**, and **5387** is the 20% darker color. If you saturate the color by 10%, you get **1982261**, and if you desaturate by 10%, it is **2768697**.

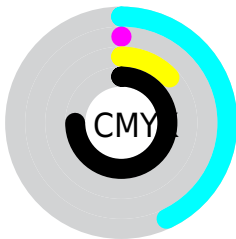
# Distribution



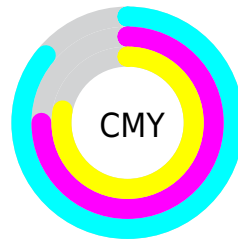
- Red (14%)
- Green (25%)
- Blue (22%)



- Red (14%)
- Yellow (20%)
- Blue (25%)



- Cyan (43%)
- Magenta (0%)
- Yellow (13%)
- Black (75%)



- Cyan (86%)
- Magenta (75%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2375479 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 2375479 by changing the saturation by 10% instead.



■ 2375479

■ 2375479

16777215

■ 928034

■ 5402470

■ 5387

■ 7047295

■ 0

■ 8692377

■ 10469043

■ 12245455

■ 14087915

■ 15925247

■ 2375479

■ 2375479

■ 1982261

■ 2768697

■ 1523507

■ 3227451

■ 1130289

■ 3620669

■ 737072

■ 4013886

■ 278318

■ 4472640

■ 16172

■ 4865858

■ 5259076

■ 5652294

■ 6111048

# Harmonies

## Analogous

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



3030574



2375479



1916737

# Triad

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



2375479



3684427



4863275

# Complementary

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



2375479



4138028

# 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.



5059379



2375479



4470086

# Square

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



2375479



2833228



4928317



4405287

# Rectangle

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



2375479



1982022



4928317



4994093



# Sweetspot

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



2375479



4674126



2899748



2238759



11053224



2697513



# Same Dimension

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



2375479



2642501



2374207



1842974



24130



56988



# Inverse Universe

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



4138028



5384244



4139300



2038812



6160412

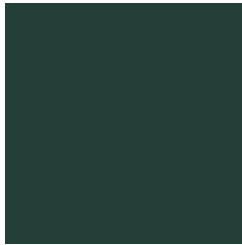


14549058



# Previews

## White Background



This preview shows how the Decimal color 2375479 looks on a white background.

## Color Contrast Check

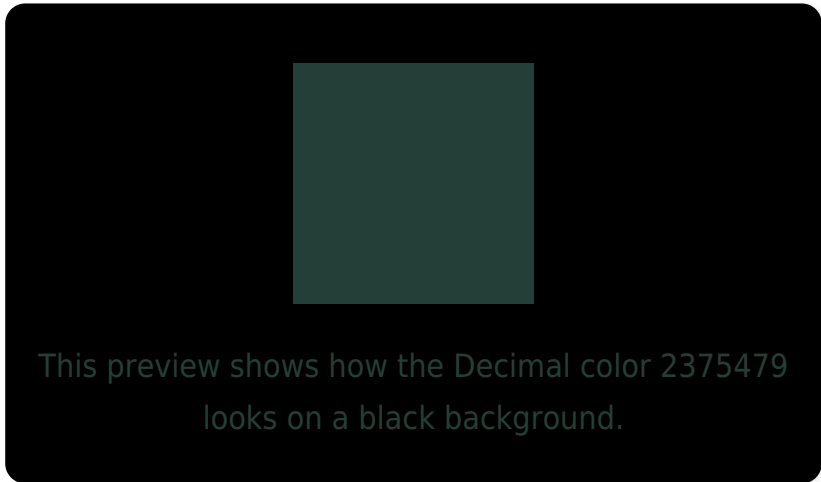
Large Text (above 18pt) WCAG AA ✓ Pass

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

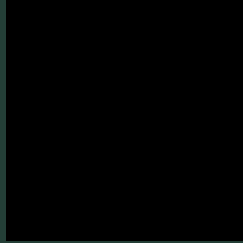
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2375479 Background



This preview shows how black text looks on a background with the Decimal color 2375479.



This preview shows how white text looks on a background with the Decimal color 2375479.

# 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



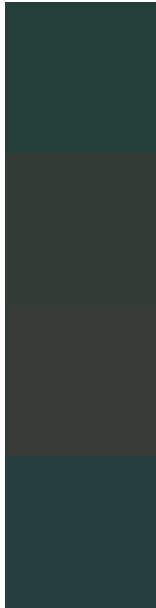
**Original Color**  
2375479

**Protanopia**  
3946804

**Deuteranopia**  
4208697



# Trichromacy



**Original Color**  
2375479

**Protanomaly**  
3357493

**Deuteranomaly**  
3554104

**Tritanomaly**  
2506302

# Monochromacy



**Original Color**  
2375479

**Achromatopsia**  
3552822

**Achromatomaly**  
3094838

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2375479 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 #243F37 looks like.

```
.text, #text, p{  
  color:#243F37  
}
```

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 #243F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243F37
}
```

## Border

The CSS property to change the border of an element to Decimal 2375479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

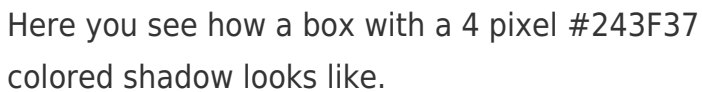
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243F37 }
```

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

```
.border{ border-color:#243F37 }
```

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



Here you see how a box with a 4 pixel #243F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243F37; -webkit-box-shadow:4px 4px  
4px 4px #243F37; box-shadow:4px 4px 4px  
4px #243F37 }
```

# Background

The CSS property to change the background color of an element to Decimal 2375479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243F37 }
```

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

```
.background{ background-color:#243F37 }
```

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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