

# Converting Colors

Decimal(4284013)

Have a look what the booklet for  
Decimal(4284013) contains.

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# Color

**Decimal(4284013)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	415E6D
RGB	65, 94, 109
RGB Percent	25%, 37%, 43%
CMY	0.7451, 0.6314, 0.5725
CMYK	0.40, 0.14, 0.00, 0.57
HSL	200°, 25%, 34%
HSV	200°, 40%, 43%
XYZ	8.9430, 10.2334, 15.9719
YIQ	87.0390, -22.0990, -1.4830

# Conversions

## Conversions Part 2

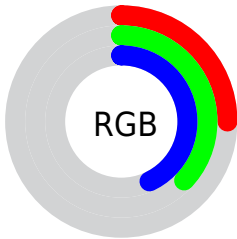
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 82, 109
Decimal	4284013
CIE <sub>Lab</sub>	38.26, -6.46, -11.93
CIE <sub>LCh</sub>	38, 13.565, 241.578
Yxy	10.2334, 0.2544, 0.2911
Android (android.graphics.Color)	4282474093 (0xFF415E6D)
YUV	87.0390, 10.8268, -19.3282
Hunter-Lab	31.9896, -6.0805, -7.2098

# Details

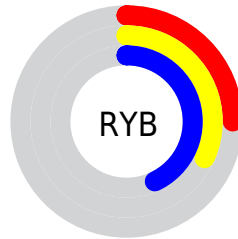
The Decimal color **4284013** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7163969**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **7573665**, and **1126462** is the 20% darker color. If you saturate the color by 10%, you get **3562093**, and if you desaturate by 10%, it is **5005933**.

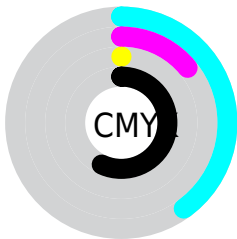
# Distribution



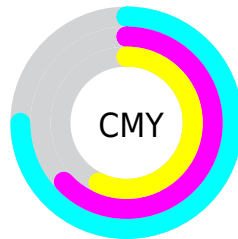
- Red (25%)
- Green (37%)
- Blue (43%)



- Red (25%)
- Yellow (32%)
- Blue (43%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (57%)



- Cyan (75%)
- Magenta (63%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4284013 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 4284013 by changing the saturation by 10% instead.





4284013



4284013

16777215



2704981



7573665



1126462



9284540



6952



11060951



275



12837620



0



14680063



16580607



4284013



4284013



3562093



5005933

■ 2840429

■ 5727597

■ 2118509

■ 6449517

■ 1396589

■ 7171437

■ 674669

■ 7827821

■ 18541

■ 8549485

■ 9271405

■ 9993325

■ 10714989

# Harmonies

## Analogous

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



3891301



4284013



5135216

# Triad

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



4284013



7361114



5659975

# Complementary

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



4284013



7163969

# 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.



6445380



4284013



7361359

# Square

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



4284013



6902885



7034439



4808527

# Rectangle

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



4284013



5789806



7034439



5921862



# Sweetspot

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



4284013



8292751



4287824



4015175



13092807



4671303



# Same Dimension

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



4284013



4880271



4278381



3159094



19829



41461



# Inverse Universe

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



7160158



9390711



7169601



3551284



7667789



16056481



# Previews

## White Background



This preview shows how the Decimal color 4284013 looks on a white background.

## Color Contrast Check

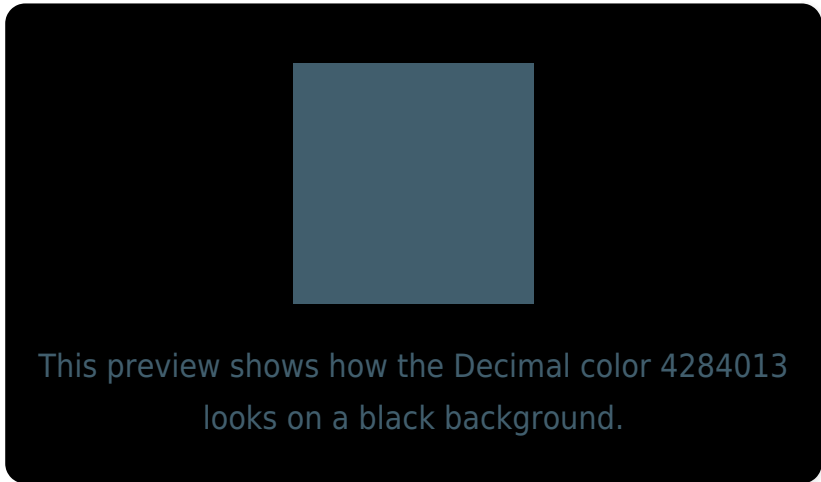
Large Text (above 18pt) WCAG AA ✓ Pass

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

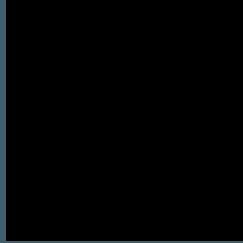
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4284013 Background



This preview shows how black text looks on a background with the Decimal color 4284013.

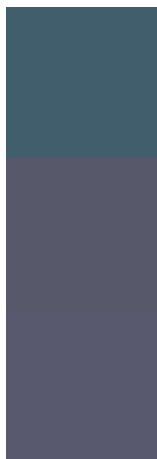


This preview shows how white text looks on a background with the Decimal color 4284013.

# 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**  
4284013

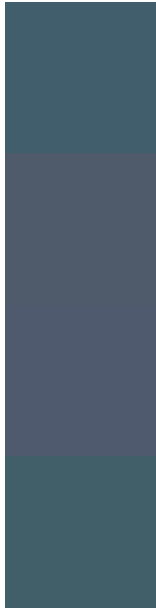
**Protanopia**  
5724522

**Deuteranopia**  
5789806



**Tritanopia**  
4153191

# Trichromacy



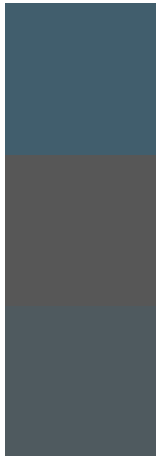
**Original Color**  
4284013

**Protanomaly**  
5200747

**Deuteranomaly**  
5266030

**Tritanomaly**  
4218729

# Monochromacy



**Original Color**  
4284013

**Achromatopsia**  
5723991

**Achromatomaly**  
5200479

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4284013 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 #415E6D looks like.

```
.text, #text, p{  
    color:#415E6D  
}
```

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 #415E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415E6D
}
```

## Border

The CSS property to change the border of an element to Decimal 4284013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

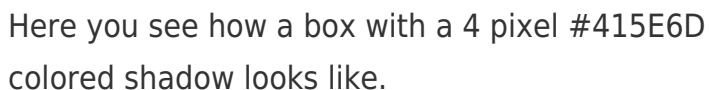
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#415E6D }
```

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

```
.border{ border-color:#415E6D }
```

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



Here you see how a box with a 4 pixel #415E6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415E6D; -webkit-box-shadow:4px 4px  
4px 4px #415E6D; box-shadow:4px 4px 4px  
4px #415E6D }
```

# Background

The CSS property to change the background color of an element to Decimal 4284013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415E6D }
```

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

```
.background{ background-color:#415E6D }
```

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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