

# Converting Colors

Decimal(410442)

Have a look what the booklet for  
Decimal(410442) contains.

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# Color

**Decimal(410442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06434A
RGB	6, 67, 74
RGB Percent	2%, 26%, 29%
CMY	0.9765, 0.7373, 0.7098
CMYK	0.92, 0.09, 0.00, 0.71
HSL	186°, 85%, 16%
HSV	186°, 92%, 29%
XYZ	3.3183, 4.5474, 7.1814
YIQ	49.5590, -38.6030, -10.7550

# Conversions

## Conversions Part 2

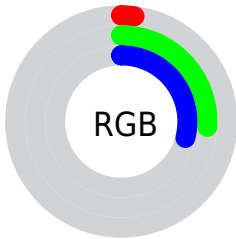
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 38, 74
Decimal	410442
CIELab	25.40, -15.05, -9.42
CIELCh	25, 17.756, 212.040
Yxy	4.5474, 0.2205, 0.3022
Android (android.graphics.Color)	4278600522 (0xFF06434A)
YUV	49.5590, 12.0494, -38.2012
Hunter-Lab	21.3247, -9.5423, -5.0395

# Details

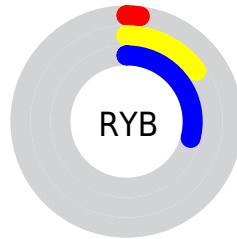
The Decimal color **410442** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4852998**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4223867**, and **6430** is the 20% darker color. If you saturate the color by 10%, you get **16970**, and if you desaturate by 10%, it is **869450**.

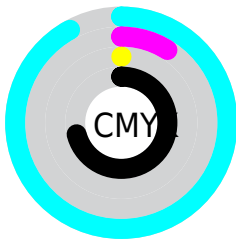
# Distribution



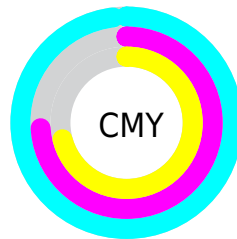
- Red (2%)
- Green (26%)
- Blue (29%)



- Red (2%)
- Yellow (15%)
- Blue (29%)



- Cyan (92%)
- Magenta (9%)
- Yellow (0%)
- Black (71%)



- Cyan (98%)
- Magenta (74%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 410442 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 410442 by changing the saturation by 10% instead.





410442



410442

16777215



11571



4223867



6430



5934484



4



7645103



0



9356234



11198439



13040639



14876671



410442



410442

■ 16970

■ 869450

■ 1393994

■ 1852746

■ 2377290

■ 2836298

■ 3295306

■ 3819594

■ 4278602

■ 4803146

# Harmonies

## Analogous

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



1327933



410442



1261908

# Triad

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



410442



5125193



4471841

# Complementary

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



410442



4852998

# 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.



5191461



410442



5648956

# Square

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



410442



4143187



5649199



3555365

# Rectangle

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



410442



2309975



5649199



4733474



# Sweetspot

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



410442



4611681



412173



2109232



11579568



3158064



# Same Dimension

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



410442



22369



401738



2237990



23398



52966



# Inverse Universe

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



4851267



6357079



4861702



2499110



6684764

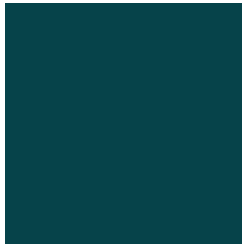


15073486



# Previews

## White Background



This preview shows how the Decimal color 410442 looks on a white background.

### Color Contrast Check

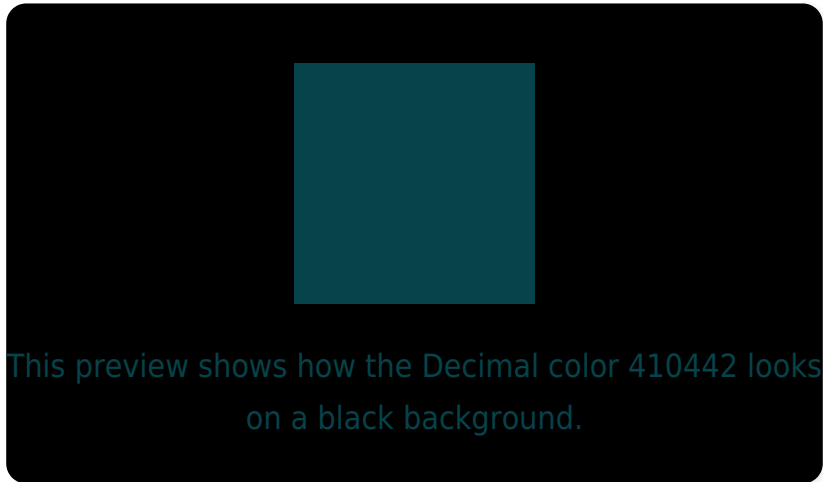
Large Text (above 18pt) WCAG AA ✓ Pass

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

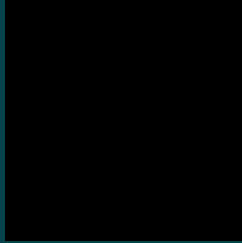
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 410442 Background



This preview shows how black text looks on a background with the Decimal color 410442.



This preview shows how white text looks on a background with the Decimal color 410442.

# 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



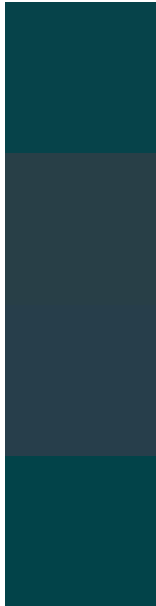
**Original Color**  
410442

**Protanopia**  
3882053

**Deuteranopia**  
3816268



# Trichromacy



**Original Color**

410442

**Protanomaly**

2637639

**Deuteranomaly**

2571851

**Tritanomaly**

148297

# Monochromacy



**Original Color**

410442

**Achromatopsia**

3289650

**Achromatomaly**

2242619

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 410442 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 #06434A looks like.

```
.text, #text, p{  
    color:#06434A  
}
```

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 #06434A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06434A
}
```

## Border

The CSS property to change the border of an element to Decimal 410442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

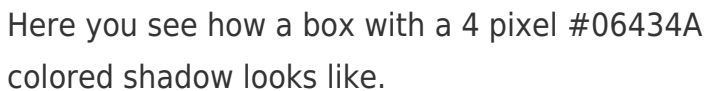
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#06434A }
```

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

```
.border{ border-color:#06434A }
```

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



Here you see how a box with a 4 pixel #06434A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06434A; -webkit-box-shadow:4px 4px  
4px 4px #06434A; box-shadow:4px 4px 4px  
4px #06434A }
```

# Background

The CSS property to change the background color of an element to Decimal 410442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06434A }
```

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

```
.background{ background-color:#06434A }
```

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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